

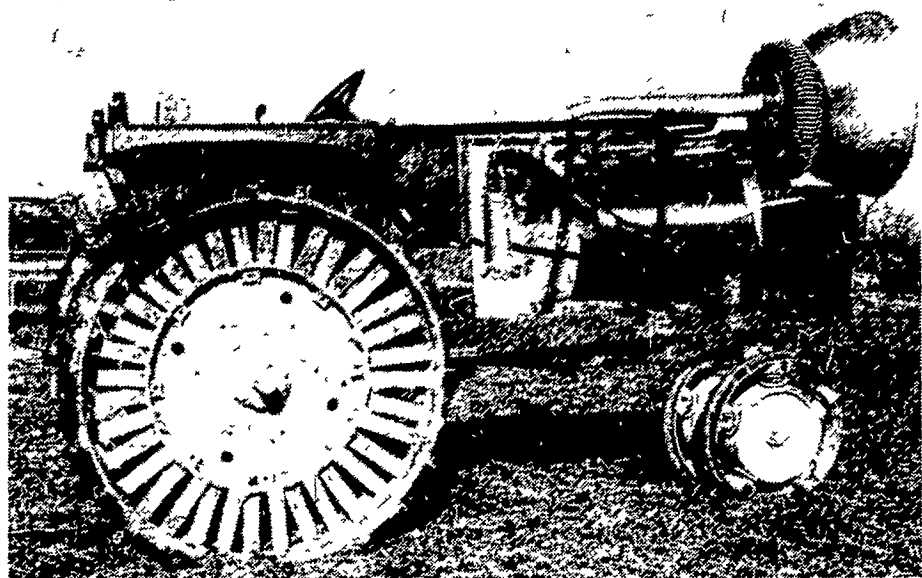
Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

VOL. 24 No. 22

Lancaster Farming, Saturday, March 31, 1979

\$6.00 Per Year



Simple in design, this wind-powered tractor is equipped with a wind intensification chamber which is operable under any conditions. The concentrated stream of air - which might be compared to a concentrated beam of light (the laser) drives a turbine, which in turn transfers its power to the transmission.

Free power without pollution

Amishman solves energy crisis

Note: The following article may not be reprinted without permission from the author

By DIETER KRIEG

HORSESHOE — A spectacular breakthrough in energy production was unveiled here this week when a plain sect farmer, Emil Stoltzbug, successfully demonstrated the world's first wind-driven tractor. The implications of the invention are so shattering and broad that it is likely to completely change mankind's systems for energy production.

Stoltzbug's unique and successful machine utilizes free energy (the wind), transforms it into useable power, and leaves absolutely no pollution. Theoretically and practically, the engine is so simple that energy specialists are wondering out loud why the idea hasn't been thought of before.

Stoltzbug explains his invention modestly and logically. Says he:

"I began to think that intensified wind might be a power source for engines because man has been able to intensify or amplify so many other forms of energy.

"A laser beam, for example, is an intensified beam of light, which is capable of doing incredible things for man. A simple magnifying glass enlarges images. Sound is amplified every day in various gadgets, and transformers are used to step up voltages in electric lines. So I figured, why not the wind too."

"I began experimenting with a few things, and as you can see, we do make abundant use of windpower here on our farm," said Stoltzbug, pointing to the eight windmills on his homestead.

Stoltzbug claims that his engine is simple to make and not difficult to

operate once the driver is accustomed to the dynamics of the system.

Components of the system are an air intake "funnel" which captures the wind. To increase the volume of air that can be accepted, inflowing air is cooled at the neck of the intake chamber and then sped along a linear acceleration channel. The air is then sent through a cyclical intensification unit which works on the principle of natural oscillations of atoms generating intense power under concentrated conditions. This power is then fed to a turbine which drives the transmission.

Unlike internal combustion engines where a warm-up is generally required, the wind-driven engine invented by Stoltzbug requires a cool-down period.

The initial cool-down period is accomplished by means of a battery-driven compressor. Once the airflow is established, the compressor runs with power siphoned from the main power supply line.

A mechanical valve is used to increase or restrict the flow of intensified wind. The used air is exhausted underneath the tractor.

Although Stoltzbug is the first man to have successfully produced a wind-

(Turn to Page 22)

LeHi celebrates first year of profit

CAMP HILL — Lehigh Valley Cooperative Farmers, one of the largest dairy operations in the East, Wednesday reported its first profitable year since 1973; it announced a net profit of \$336,000 on 1978 sales of \$118,082,000. Management and members celebrated the breakthrough with a slide program, dinner, and lyrics of the song "Looks like we made it."

Managers and directors of the Allentown based cooperative described the organization's favorable year at an annual meeting attended by 500 dairy farmers and their families at

the Penn Harris Convention Center, here.

Chairman of the Board of Directors Alpheus L. Ruth told his members that the year marked the beginning of a growth period for the dairy and projected that the profit level would triple in the current year to over a million dollars. In reviewing 1978 results, Ruth assisted by various department heads, said the positive results were achieved despite a crippling strike last Summer and milk shortages in the Fall. The strike costs alone were over a half million dollars. Milk shortages resulting from

fewer dairy farmers shipping to the cooperative prevented the cheddar cheese plant in Allentown from running at full capacity. Company executives said the profits would have been considerably higher if there had been a sufficient milk supply to keep the plant on a heavier production schedule. The cheese operation, described as a balance wheel for surplus milk of the entire dairy industry in this region, can manufacture nearly a million pounds of cheddar cheese a week.

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Optimism marks MCMP meeting

COCKEYSVILLE, Md. — "All in all, 1979 will be a very good year ... 1978 gave us much to be thankful for and 1979 will be cause for more thanksgiving," said Maryland Cooperative Milk Producers' business manager Ralph Strock last week, concluding his remarks at the cooperative's

annual meeting. The gathering took place at the plush Hunt Valley Inn, here, with several hundred dairymen, their wives, and guests, in attendance.

Aside from business reports delivered by Strock and MCMP president Herbert Wessel, the occasion was also marked by membership discussions which focused on such issues as hauling rates, advertising, directors' salaries, quality payments, debts, and Holly Milk Cooperative.

The outcome of these and other issues were not available at presstime and will be featured in next week's edition of Lancaster Farming.

Despite an overall optimistic outlook, MCMP President Wessel, spoke of "clouds on the horizon."

Said Wessel: "The milk

feed ratio was one of the most favorable dairy farmers have ever experienced. The large grain carryover and the intended planting acreage indicate that 1979 will be equally good. The present supports are expected to keep the milk prices up. However there are

(Turn to Page 19)



Herbert W. Wessel



Ralph Strock

In this issue

Pennsylvania Agriculture Secretary Penrose Hallowell has proposed an exemption for farmers on gasoline tax increases. He revealed his stand at this week's meeting of the Lancaster County Farmers Association. Page 104 has the story.

Why save farmland? Amos Funk gives reasons on page

111. One of the proposed methods in keeping land in farming is the so-called deed restriction plan. It's explained on page 121.

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Livestock market and auction news

Lancaster Market

Lancaster, Pa.
March 26, 1979

Cattle Calves Hogs Sheep

Today	1067	101	1253	243
Last Monday	717	74	1065	126
Last year	1052	125	1141	40
Monday's Auction	842	113	1339	245
Last Monday's Auction	719	75	1072	126

CATTLE: Compared to last Wednesday slaughter steers 1.00-2.00 lower; heifers not fully established; cows steady; bullocks 1.00-2.00 lower; bulls steady to weak. Supply included 73 per cent slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1400 lb. 73.10-75.25, few 75.25-75.85; Choice 2-4 1000-1400 lb. 70.00-73.50; high good and low Choice 2-3 69.00-71.50; Good 2-3 64.50-69.25; Standard 1-2 62.00-65.50.

SLAUGHTER HEIFERS: Mixed Good and Choice 2-3 900-1050 lb. 64.50-67.25, couple Choice 71.10; Good 2-3 61.00-64.50.

COWS: Utility and Commercial 1-3 54.50-56.85, few Commercial 3-4 53.75-55.00; Cutter 1-2 53.50-55.25, few 55.25-55.60; Canner and low Cutter 50.75-53.00.

BULLOCKS: Choice 1000-1350 lb. 67.00-69.75, few 70.00-70.50; Good 1000-1250 lb. 64.00-67.00.

BULLS: Yield grade 1 1100-1700 lb. 65.50-68.50, few 69.00-69.60; yield grade 2 1000-1350 lb. 61.00-65.00.

VEAL CALVES: Vealers uneven, Choice 150-300 lb. 5.00-10.00 higher, high Good

and low Choice 80-115 lb. fully steady.

VEALERS: Choice 150-300 lb. 110.00-122.00, 15 head 250-275 lb. 132.00; high Good and low Choice 120-195 lb. 100.00-115.00, 80-115 lb. 88.00-96.00.

SHEEP: Woolled lambs 1.00-2.00 lower; slaughter ewes weak to 3.00 lower.

WOOLED LAMBS: Choice 95-110 lb. 65.00-67.00.

SPRING LAMBS: choice 95-102 lb. 79.00-82.00, one lot 70-75 lb. 104.00 and one lot 62 lb. 98.00.

SLAUGHTER EWES: Utility 34.00-38.00. Market courtesy of USDA.

Vintage Livestock

Paradise, Pa.
March 27, 1979

Cattle Calves Sheep

Today	962	547	29
Last Tuesday	997	529	25
Last Year	989	475	33

CATTLE: Compared to last Tuesday slaughter steers steady to 50 lower, instances 1.00 lower on early sales mixed Good and Choice; slaughter heifers 50-75 lower; cows 50-1.00 lower; bullocks not tested; bulls steady. Supply included 49 per cent slaughter steers, 33 per cent cows, 8 per cent slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1375 lbs. 73.60-75.75, 20 head 76.00-76.85; Choice mainly 2 1075-1325 lbs. 74.50-76.00; Choice 2-4 1000-1400 lbs. 71.00-74.35; high Good and low Choice 2-3 69.00-71.85; Good 2-3 66.00-70.00; Standard 1-2 62.00-65.50.

SLAUGHTER HEIFERS: Mixed Good and Choice 2-3 875-1000 lb. 65.00-68.25, couple Choice 68.50-69.60; Good 2-3 875-1020 lb. 60.50-64.00.

COWS: Utility and Commercial 1-3 54.50-57.00, several 57.50-58.75; Cutter 1-2 53.25-55.50, Few 55.50-56.25; Canner and low Cutter 51.00-54.00.

BULLS: Yield grade 1 1500-2250 lb. 64.50-67.00; yield grade 2 1100-1500 lb. 63.50-66.00.

FEEDER STEERS: One lot Choice and Prime 770 lb. 79.75; 30 head 310-500 lb. Holsteins 83.25-90.00; 20 head Choice 625-680 lb. feeder bulls 79.00-80.25.

VEAL CALVES: Compared to last Tuesday vealers 5.00-10.00 lower with 70-110 lb. at full decline. Supply included 319 in graded sale of which 52 per cent sold to return to farm.

VEALERS: Few Prime 290-355 lb. 108.00-118.00; Choice 125-300 lb. 108.00-116.00, few 100.00-107.00; high Good and low choice 120-170 lb. 90.00-105.00, 90-115 lb. 83.00-92.00, 80-90 lb. 73.00-83.00, few Standard 60-80 lb. 56.00-71.00.

RETURNED TO FARM: Bulk 90-105 lb. Holstein heifers 90.00-105.00, 30 head 100-125 lb. 123.00-133.00; bulk 90-125 lb. Holstein bulls 105.00-119.00, 40 head 100-105 lb. 121.00.

SHEEP: Insufficient volume of any one class for a market test.

SPRING LAMBS: Five head Choice 45-60 lb. 85.00-89.00, five head 80-95 lb. 77.00-78.00.

SLAUGHTER EWES: Utility and Good 34.00-40.00. Market Courtesy of USDA.

Lancaster Auction

Lancaster, Pa.
March 28, 1979

Cattle Calves Hogs Sheep

Today	1004	57	1279	7
Last Wednesday	1097	68	1172	6
Last Year	1378	91	1005	26
Wednesday's Auction	920	59	1319	7
Last Wednesday's Auction	1062	68	1098	6

CATTLE: Compared to Monday slaughter steers

mostly 1.00 lower; slaughter heifers steady; cows steady to 50 higher; bullocks not fully tested; bulls steady to weak. Supply included 79 per cent slaughter steers and 11 per cent slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1430 lb. 71.75-74.85; Choice 2-4 1050-1350 lb. 69.50-72.10; high Good and low Choice 2-3 68.00-70.25; Good 2-3 63.85-69.35; Standard 1-2 62.00-64.25.

SLAUGHTER HEIFERS: Choice 2-3 950-1075 lb. 67.00-70.10, couple 72.50-74.50; mixed Good and Choice 2-3 900-1040 lb. 64.50-66.75; few Good 2-3 925-1025 lb. 63.00-65.00.

COWS: Utility and Commercial 1-3 54.50-57.00, few 57.10-58.10; Cutter 1-2 53.25-55.50; Canner and low Cutter 50.00-52.50.

BULLOCKS: Couple Good 1000-1300 lb. 63.75-65.00.

BULLS: Yield grade 1 1400-2000 lb. 64.25-67.60; few yield grade 2 1000-1350 lb. 60.75-63.75.

VEAL CALVES: Vealers not fully established.

VEALERS: High Good and low Choice 80-115 lb. 88.00-96.00. Few Good and Choice 280-450 lb. slaughter calves 75.00-98.00.

BARROWS AND GILTS: US 1-2 200-240 lb. 43.00-43.75, Few early 44.25-44.60; few selected US 1 205-235 lb. 45.50-45.75; US 1-3 210-255 lb. 42.75-43.25.

SHEEP: No market test. Market courtesy of USDA.

New Holland Livestock

March 29, 1979

CATTLE: 1232. Compared to last Thursday slaughter steers 50-1.00 lower, although high Choice and Prime not fully tested as bulk of these held for show-sale; slaughter heifers fully steady; cows uneven, early sales weak to 1.00 lower, with later sales fully steady; bullocks fully steady; bulls 2-3.00 higher. Supply included 60 per cent slaughter steers, of which 162 were in show-sale, and 28 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1325 lbs. 71.85-73.00; Choice mainly 2 1050-1325

lbs. 73.35-74.35, couple 75.25-75.50; Choice 2-4 1000-1350 lbs. 69.86-73.25; high Good and low Choice 68.00-70.00; Good 2-3 65.75-68.75; Standard 1-2 62.00-66.00.

SHOW SALE: All sale lots of six. One lot Choice and Prime 2-3 1370 lbs. 76.75; high Choice and Prime 3-4 1215-1270 lbs. 73.00-74.85, one lot 1384 lbs. 72.00; one lot Choice mainly 2 1210 lbs. 74.60; Choice 2-4 1125-1250 lbs. 72.10-73.50, one lot Choice 3-4 1245 lbs. 70.00 and one lot mixed Good and Choice 2-3 1185 lbs. 70.00; one lot Choice 1435 lbs. Holsteins 67.10; Standard and Good 1100-1440 lbs. Holsteins 64.60-65.75.

SLAUGHTER HEIFERS: Choice 2-3 925-1100 lbs. 68.00-70.10; Good 2-3 65.00-66.50.

COWS: Utility and Commercial 1-3 54.00-57.50, few 57.50-58.75; Cutter 1-2 53.00-56.00, few late 56.00-57.50; Canner and low Cutter 48.00-52.50.

BULLOCKS: Choice 1000-1350 lbs. 67.75-70.50; Good 1000-1275 lbs. 64.75-68.50.

BULLS: Yield grade 1 1300-2100 lbs. 68.00-71.50, individual 2245 lbs. 76.00; yield grade 2 1000-1400 lbs. 62.75-68.50.

VEAL CALVES: 400. Vealers 5-10.00 lower.

VEALERS: prime 240-350 lbs. 123.00-129.00; Choice 120-300 lbs. 100.00-117.00; high

Good and low Choice 120-250 lbs. 92.00-105.00, 90-120 lbs. 82.00-92.00, 70-90 lbs. 70.00-85.00.

RETURNED TO FARM: Bulk 95-120 lbs. Holstein heifers 120-138.00, few 142.00-154.00; Bulk 90-115 lbs. Holstein bulls 106.00-118.00, few 70-90 lbs. 80.00-100.00.

SHEEP: 19. Insufficient volume for a market test, few 35-55 lbs. Choice spring lambs 115.00-130.00; Utility slaughter ewes 29.00-33.00.

Lancaster Weekly

Fri., March 30, 1979

	Cattle Calves
This Week	4900 1150
Last Week	5228 1131
Last Year	5539 1222

CATTLE: Slaughter steers 50-1.00 lower; slaughter heifers mostly steady, cows mostly steady, bullocks fully steady, closing sales of bulls 2.00-3.00 higher. Supply included 52 per cent slaughter steers, 17 per cent cows, 6 per cent heifers, 4 per cent bulls with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 (Turn to Page 9)

LEBANON VALLEY LIVESTOCK MARKET, INC.

1 mile East of
Fredericksburg
along Route 22
PHONE:
JONESTOWN
865-2881

Sale every Tuesday at
1:30 P.M. starting with
feeder cattle and pigs.
Also Hay Sale every
Tuesday at 12:30.

SPECIAL GRADED FEEDER CATTLE SALE

FRIDAY, APRIL 6, 1979

12 Noon

800 HEAD ON SALE

All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more.
Graded by Jim Anderson - USDA



LANCASTER STOCKYARDS WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE
TUESDAY, APRIL 3 - 1 P.M.

EQUIPPED TO RECEIVE YOUR LIVESTOCK
24 HOURS A DAY, 365 DAYS A YEAR.

PRIVATE TREATY DAILY

LANCASTER STOCKYARDS, INC.
(717) 394-2611



Vintage Sales Stables, Inc.

BULLS, STEERS,
BUTCHER COWS,
LAMBS AND VEAL CALVES
SOLD ON COMMISSION

SALE EVERY TUESDAY - 11 A.M.

HOG SALES

WEEKLY: WED. & SAT. - 9 A.M.

EVERY THURSDAY - 12:30 P.M.

HAY & STRAW SALE

Get calves in early for grading & weighing.
No weight loss.

FOR MARKETING INFORMATION
PHONE 717-768-8204
HOME PHONE 215-458-5060
L. ROBERT FRAME, MANAGER

Box 100

Paradise, PA

10 miles East of Lancaster on Rt. 30

HAY, STRAW & CORN — SALE —

Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION

RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

NEW HOLLAND The Action Auction

AUCTIONS make the difference in
marketing livestock!

NEW HOLLAND makes the difference
in auctions!

MONDAY'S AUCTION:
8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION:
12:00 Noon - Hay, Straw & Ear Corn
12:00 Noon - Dairy Sale
1:00 P.M. - Feeder Pig Sale

THURSDAY'S AUCTION:
11:00 A.M. - Beef Sale
Order of Sale: Bulls, Fat Steers, Cows, Veal
4:30 P.M. - Calf Sale

NEW HOLLAND SALE STABLES INC.

New Holland, PA

Abram W. Dittenbach, Manager Phone: 717-354-4341

Hog Markets

Lancaster Hogs

Saturday, March 24, 1979
1125 head: 1's 200-235 lb. 51.50-53.00 few 54.85; 1's & 2's 200-245 lb. 49.00-50.10; 2's & 3's 200-250 48.25-48.75.

Monday, March 26, 1979
HOGS: Barrows and gilts 2.00-2.50 lower than last Wednesday.

BARROWS AND GILTS:
US 1-2 200-240 lb. 47.75-48.50, few 48.75-49.50, few US 1 210-240 lb. 50.00-50.50, US 2-3 255-275 lb. 45.00-47.00.

Wednesday, March 28, 1979
HOGS: Barrows and gilts 4.00-5.00 lower.

Market courtesy of USDA.

St. Louis Hogs

March 29, 1979
7500-Barrows & gilts

moderate, 50 to mostly 1.00 low er.
US 1-2 200-240 lb. 44.50-45.00; mixed US 1-3 220-250 lb. 44.25-44.75.

SOWS: 1.00-2.00 lower.
US 1-3 300-450 lb. 40.00; 450-500 lb. 41.00; over 500 lb. 41.50-42.00.

Indianapolis Hogs

March 29, 1979
1400-receipts ran 200 over early estimates of 1200.

1200-Barrows & gilts moderately active, mostly 1.00 instances 1.50 lower.

SOWS: Moderately active, 75-1.00 lower.

US 1-3 300-600 lb. 39.00-43.00.

New Holland Hogs

New Holland, Pa.
March 26, 1979

Hog Auction
Today 2281
Last Monday 2021
Last Year 1314

TREND: Compared to last Monday barrows and gilts 2.00-2.50 lower.

BARROWS AND GILTS:
US 1-2 200-245 lb. 48.00-48.50, few 48.60-48.85; US 1 205-235 lb. 49.00-50.00, few 50.25-51.00; US 2-3 260-280 lb. 46.00-47.50.

Market courtesy of USDA.

New Holland Feeder Pig

Lancaster, Pa.
March 28, 1979

Feeder Pigs
Today 1534
Last Wednesday 1250
Last Year 808

Compared to last Wednesday feeder pigs 5.00-10.00 lower, extremes 15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 23-29 lbs. 144.00-145.00; 103 head 30-40 lbs. 124.00-137.00; 382 head 40-50 lbs. 112.00-133.00; 36 head 42 lbs. 130.00; 195 head 50-60 lbs. 97.00-102.00; 161 head 60-70 lbs. 83.00-95.00; 78 head 70-84 lbs. 71.00-77.00.

US 2-3: 48 head 22-33 lbs. 121.00-136.00; 127 head 38-44 lbs. 92.00-106.00; 130 head 45-76 lbs. 69.00-88.00.

Market courtesy of USDA.

Lancaster Feeder Pigs

Lancaster, Pa.
March 27, 1979

Feeder Pigs
Today 947
Last Tuesday 738
Last Year 1308

Compared to last Tuesday feeder pigs 10.00-15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 129 head 29-40 lbs. 123.00-133.00; 175 head 40-50 lbs. 114.00-126.00; 176 head 50-55 lbs. 108.00-115.00; 33 head 55-60 lbs. 94.00-108.00; 58 head 60-65 lbs. 87.00-100.00; 56 head 72-79 lbs. 74.00-84.00.

US 2-3: 41 head 30-37 lbs. 116.00-128.00; 28 head 40-42 lbs. 113.00-120.00; 27 head 56-62 lbs. 87.00.

Market courtesy of USDA.

WE WILL HAUL HAY, STRAW & GRAIN

To Local Auctions
From Anywhere
To Anywhere
or Buy Outright

MEADOW GREEN FARMS
Call or write
Rt. #1

Richland, Pa. 17087
Call 717-933-4080
or 717-933-4377

Peoria Hogs

March 29, 1979

HOGS: 3300-3500-Barrows & gilts moderate, weak to 50 lower than the bulk of Wednesday's sales.

US 1-2 200-230 lb. 44.50-45.00; US 1-3 200-240 lb. 44.00-44.50.

SOWS: Weak to 1.00 lower. US 1-3 350-450 lb. 41.00; 450-500 lb. 41.00-42.00; 500-650 lb. 42.00-43.00.

Pa. Grain

March 26, 1979

Compared with last Monday's market, for Southeastern, Central and South Central Pennsylvania:

Corn steady to 3 cents higher; Wheat & Oats unevenly steady; Barley steady; Ear Corn steady to \$3 higher.

Prices paid delivered to dealers dock.

(All prices per bushel, except for Ear Corn per ton.)

Southeastern Pa.
Corn No. 2-y range 2.33-2.61, average 2.49; Wheat No. 2 range 3.50-4.00, average 3.77; Barley No. 3 range 1.60-1.85, average 1.76; Oats No. 2 range 1.40-1.60, average 1.55; Soybeans No. 1 range 7.10-7.40, average 7.27; Grain Sorghum No. 2 range 1.70-1.90, average 1.80; Ear Corn range 63.00-68.00, average 66.08.

Central Pa.
Corn No. 2-y range 2.25-2.45, average 2.36; Wheat No. 2 range 3.40-3.80, average 3.61; Barley No. 3 range 1.60-1.80, average 1.69; Oats No. 2 range 1.35-1.60, average 1.46; Grain Sorghum No. 2 range 2.00-2.20, average 2.08; Ear Corn range 58.00-63.00, average 59.89.

So. Central Pa.
(Franklin and Cumberland Counties)

Corn No. 2-y range 2.10-2.35, average 2.28; Wheat No. 2 range 3.40-3.50, average 3.52, few to -3.90; Barley No. 3 range 1.60-1.75, average 1.67; Oats No. 2 range 1.55-1.70, average 1.60; Ear Corn range 65.00-68.00, average 59.38.

Southeastern, Central and South Central Summary

Chicago Grain Futures

(Closing Bids as of Thursday, March 29, 1979)

	Corn	Wheat	Soybeans	Soybean Meal
May	2.50 3/4	3.40	7.73 3/4	202.70
July	2.53 1/2	3.25 1/2	7.81 3/4	205.90
Sept.	2.57 3/4	3.26 1/2	7.37 3/4	202.00
Oct.				197.40
Nov.			7.15 3/4	
Dec.	2.62 3/4	3.36 3/4		196.70

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

Futures Trading

Closing Bids as of Thursday, March 29, 1979

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
April	72.32	45.55		52.45
May				51.70
June	70.50	47.92		53.15
July		40.30		
Aug.	68.45	45.70		
Sept.				59.70
Oct.	66.97	42.85		
Nov.			6.15	
Dec.	67.45	43.32		62.50

Trend - Cattle are low, Hogs are lower, Potatoes are higher, and Eggs are lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	450,000	43,000	1,364,000	77,000
Same Period Last Week	470,000	45,000	1,262,000	77,000
Same Period Last Year	529,000	64,000	1,137,000	76,000

Market courtesy of USDA.

Corn No. 2-y range 2.25-2.60, average 2.41; Wheat No. 2 range 3.40-3.95, average 3.67; Barley No. 3

range 1.60-1.85, average 1.72; Oats No. 2 range 1.40-1.65, average 1.52; Ear Corn range 58.00-68.00, average 62.53.

Western Pa.

Corn No. 2-y range 2.30-2.48, average 2.36; Wheat No. 2 range 3.20-3.50, average 3.32; Barley No. 3 range 1.55, average 1.55; Oats No. 2 range 1.35-1.50, average 1.39.

Fashion show set

Lebanon County Farm Women Society 18 will present "Swing into Spring", a fashion show featuring fashions by 16 Plus and Famous Maid of Lebanon Valley Mall, on April 5, 7:30 p.m. at the Lebanon Municipal Building Auditorium. Donations of 75 cents per person are asked. All Societies and their friends are invited, along with the general public. Tickets may be obtained at the door.

xxx

Medical examiners are the detectives of modern forensic science. A crack expert in the field, the April Reader's Digest declares, can tell the sex, age, height and weight of a victim from a little as a single bone.



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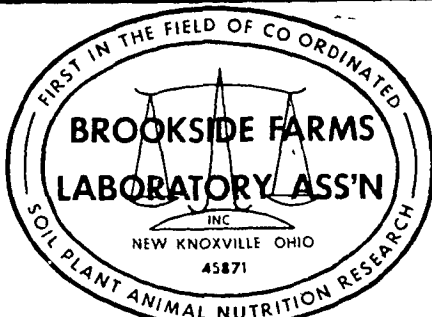
- All hogs, pigs, calves and lambs weighed upon arrival; therefore, less shrink and more dollars in your pocket.
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Poultry Market Reports

Weekly New York Egg Market

Note: Due to a change in production and mailing schedules, this market will now carry prices from the previous Friday thru the Thursday of this week.

From Friday, March 23 to Thursday, March 29

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	83	83	80	78	76
Ex Large	80	80	77	75	73
Large	79	79	76	74	72
Mediums	73	75	71	69	67
Pullets	51	51	50	49	48
Peepees	40	40	39	39	38

BROWN					
Large	79	79	77	75	73
Mediums	Unquoted				
Pullets	Unquoted				
Peepees	Unquoted				

Off Grade					
Large	68	68	65	63	61
Checks	40	40	40	40	40

Tone: Offerings ample.

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N. E. Weekly Shell Egg Report

March 27, 1979

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. +	79-88	78-87	75-82	50-55
Mostly	80-86	79-85	76-80	51-53
NEW HAMP.	73-79	72-78	69-75	44-50
Mostly	74-75	73-74	70-71	45-46
R.I.	86-87	85-86	81-82	54-55
VERMONT	81-90	80-87	77-83	-
Mostly	83-88	82-85	79-80	-
MAINE	79-85	78-84	75-80	50-53

+ Includes Central and Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	67	54
Class 2 - Large	45 lbs.	60	54
Class 3 - Medium	42 lbs.	60	55
Class 4 - Small	39 lbs.	44	42
Breaking Stock	48 lbs.	51	49
Checks	48 lbs.	42	41



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Delmarva Poultry

March 28, 1979

Ready-to-cook movement very good with occasional unfilled interest reported. Slaughter schedules fairly heavy in most quarters. Today's LTL asking prices 48-49 cents on Plant Grade, 49-50 on U.S. Grade A. Advance interest fairly good. Live supplies adequate at mostly desirable weights. Undertone firm.

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 47-50; Plant Grade 47-49; Premium X U.S. Grade A 53. WTD.AVG.: U.S. Grade A 49.16; Plant Grade 48.21; Premium X U.S. Grade A 53.00.

X - includes special services, selected competitive brands, etc.

PACMA Fowl

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent, The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl. PACMA works directly with the PFA poultrymen in the program.

Farm point prices prevailing for fowl to be marketed by members during the week of March 26 were 14½ to 15 farm, 17-17½ plant.

Hay Markets

Goods Hay

100 loads.

Mixed Hay 43-82; Alfalfa 30 low 70-80 106 high; Timothy 44-58; Straw 45-70; Soybean Stems 34; Corn 74 & 78; Oats 1.50/Bu; Clover 49-73; Stable Hay 60.

Baltimore Eggs

March 28, 1979

Prices unchanged to slightly lower. Demand only fair. Some inquiry for next week developing. Jumbos are short in some quarters.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white.

Grade A Large 80-86
Grade A Medium 74-82

Philadelphia Eggs

March 28, 1979

Prices unchanged to lower, cartoning demand light. Offerings ample at competitive prices in some quarters. Undertone unsettled.

Prices to retailers: sales to volume buyers, consumer grade white eggs in carton delivered: store door:

A Extra Large 75-81; A Large 74-79; A Medium 66-73.

Eastern Pa. & N.J. Poultry

March 28, 1979

Prices unchanged on light type hens. Farm offerings fully adequate for a fairly good steady demand. Offerings on heavy type hens barely adequate for a good pre-holiday call.

Prices paid at farm: light type hens 13-15, mostly 14½-15.

F.O.B. Plant 16½-17, mostly 17.
Heavy Type Hens TFEWR.

New Holland Hay

474 loads.

Timothy 37-52; Alfalfa 43-99; Mixed Hay 37-71; Straw 36-71; Corn 68-74.

Fogelsville Poultry

March 27, 1979

Fowl - Colored range 11-34, mostly 28-34; Pullets - Colored range 45-49; Roasters range 30-36, mostly 30-36; Capons range 41-50, mostly 50; Ducks range 56-64, mostly 60-64; Drakes range 60-64, mostly 60-64; Geese range 50, mostly 50; Turkeys - Toms range 42, mostly 42; Rabbits range 60-84, mostly 60-84; Guineas range 1.20-1.30, mostly 1.20-1.30; Pigeons (Per Pr.) range 1.50-2.25, mostly 1.50-2.25; Jumbo Squads range 2.20-3.10, mostly 3.10.

Green Dragon Hay

Ephrata, Pa.

March 23, 1979

65 Loads Hay and 22 Loads Straw.

Alfalfa 49.00-67, few to 90.00; Timothy 35.00-41, individual 48.00; Mixed hay 35.00-74, individual 79.00; Orchard Grass hay, individual 46.00; Straw 35.00-65, individual 70.00; Ear Corn, 6 loads 67.50-70.00; Corn Fodder, 4 loads 26.00-35.00; Oats, individual 1.90.

Regional Hay

March 26, 1979

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay and Straw slow, steady to \$5 lower.

Alfalfa 50.00-55.00, few to 70.00; Mixed hay 35.00-60.00; Timothy hay 30.00-50.00; Straw 45.00-60.00; Mulch 20.00-30.00.

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Eggs Size of the DEKALB
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Livestock market and auction news

Lebanon Valley Auction

Fredericksburg, Pa.
March 27, 1979

CATTLE 310. Compared with last Tuesday's market, slaughter steers \$2 to \$3 lower. Slaughter cows strong to \$1 higher. Low to Average Choice 1000-1250 lbs. No. 3-4 slaughter steers 69.00-71.00, Good 65.50-69.75, few Standard 61.50-66.50. Few Choice slaughter heifers 65.35-69.50, few Standard 63.00-64.00. Utility & Commercial slaughter cows 54.00-58.50, few to 59.50, Cutters 53.00-57.25, Canner & Low Cutter 48.75-53.00, Shells down to 46.00. Couple Choice slaughter bullocks 68.75 and 69.85, few Good 64.50-66.75, few Utility 57.25-62.00. Few Yield Grade #1 1200-2025 lbs. slaughter bulls 63.10-72.50. Few Medium 450-600 lbs. feeder steers 70.00-74.25.

CALVES 202. Few Choice vealers 113.00-119.00, few Good 95.00-102.00, Standard & Good 90-110 lbs. 89.00-95.00, 70-85 lbs. 79.00-87.00. Farm calves, holstein bulls 90-120 lbs. 96.00-121.00; holstein heifers 90-140 lbs. 110.00-180.00.

HOGS 542. Barrows & gilts \$4 to \$5 lower. US No. 1-2 200-240 lbs. barrows & gilts 45.00-46.25, one small lot 47.35, No. 1-3 190-250 lbs. 44.00-45.25. US no. 1-3 300-600 lbs. sows 37.00-40.75, No. 2-3 400-600 lbs. 34.50-38.00. Boars 32.00-37.00.

FEEDER PIGS 25. Few Lots US No. 1-3 35-40 lbs. feeder pigs 109.00-114.00 cwt.

SHEEP 11. Couple Choice 40 lbs. spring slaughter lambs at 99.00. Few slaughter ewes 30.00-39.00.

Thomasville Market

March 28, 1979

CATTLE 191. S. bulls 66.25-68.50; High Choice & Prime 71.00-74.85; Choice 68.00-70.00; Good 65.00-68.00. Holstein steers 62.00-65.00. Sl. Heifers high Choice and Prime 69.00-71.00; Choice 66.00-68.00; Good 63.00-66.00. Utility & Commercial sl. cows 54.00-57.00; Cutters 48.00-52.00; Canner & L. Cutter 44.00-47.00; Choice sl. bullocks 67.75-68.25.

CATTLE 50. Prime vealers 1.19-1.35 Good 1.05-1.15; Standard & Good 90-110 lbs. 90-1.00.

FARM CALVES: Hol. Bulls 100-120 lbs. 1.10-1.39; Hol. Heifers 1.35-1.76.

HOGS 312. Private treaty No. 1-3 43.50; US No. 1-3 sows 35.00-37.00.

FEEDER PIGS 107. US No. 1-3 20-30 lbs. feeder pigs \$32-\$36 per head, No. 1-3 35-50 lbs. 42.00-45.00.

SHEEP 16. Choice 92-114 lbs. 65.00-69.00.

Baltimore USDA

March 26, 1979

CATTLE 375: Limited sales slaughter steers and heifers firm, cows firm to instances 50 cents higher, bulls 1.00-2.00 lower. Supply 20 pct slaughter steers and heifers, 50 pct cows, 25 pct feeder cattle, balance bulls.

SLAUGHTER STEERS: Choice 3-4 1125-1145 lbs. 70.00-71.85; package 1310 lbs. 69.60; few Good 2-4 1100-1260 lbs. 63.25-66.60.

SLAUGHTER HEIFERS: Few Choice 3's 955-995 lbs. 69.25-70.35; several Good 2-3 790-1220 lbs. 61.75-66.50.

COWS: Utility 2-3 52.50-57.35; few 57.85-58.35. Cutter 1-2 49.75-54.00; Canner and low Cutter 46.50-49.75.

BULLS: YG 1-2 1000-1225 lbs. 63.50-69.50. Individual 1 1275 lbs. 71.50.

FEEDER CATTLE: Choice steer calves 360-550 lbs. 88.00-98.00; few choice bull calves 250-380 lbs. 90.00-97.00; choice steers 575-650 lbs. 80.50-90.00; 795-960 lbs. 66.50-68.75; few Good 820-940 lbs. 66.00-66.75; choice heifer calves 360-500 lbs. 75.00-81.00; choice heifers 550-650 lbs. 67.00-76.00.

VEAL AND CALF AUCTION 75: Choice 125-250 lbs. vealers 108.50-119.00; Good and Choice 110-200 lbs. 93.00-106.00; few 85-110 lbs. 76.00-86.00; choice calves 290-370 lbs. 90.00-97.50.

Four States Livestock

March 21, 1979

SLAUGHTER: Fed Steers & Heifers - \$2.00 Higher in Wt. Sale; choice \$70.00-72.00; good 66.00-69.00; medium 65.00 down; dairy type 60.00-65.00. Heifers - choice \$65.00-67.75; good 61.00-64.00; medium 60.00 down. Cows Good Run - \$2.00 higher; high yield \$57.00-59.75; average 52.00-56.00; big middle 46.00-51.00; shelly 52.00 down. Fat bulls - \$1.00 higher; good \$65.00-68.35; medium 60.00-64.00. Veal Calves Strong Demand & Higher Prices - choice \$108.00-121.50; good 100.00-107.00; medium 90.00-99.00; farm hfrs. to \$205.00; farm bulls to 110.00; light & weak \$88.00 down. Lambs Few Offered - good to \$69.00; medium to 60.00. Sows - 300-600 lb. \$40.00-43.75; thin sows \$33.00-39.00.

STOCKER: Steers 300-550 lbs. - steady to slightly lower; no choice offered; good - \$90.00-96.50; medium 80.00-89.00; culls 79.00 down. Steers 600-850 lbs. - choice \$72.00-75.00; good 67.00-71.00; medium 66.00 down. Heifers (all weights) - holsteins to \$120.00; choice \$85.00-88.00; good 80.00-84.00; medium 79.00 down. Bulls - choice \$88.00-90.00; good 83.00-87.00; medium 82.00 down. Springing hfrs. - to 700.00. Pigs Hd. - very active \$2.00 higher; 20-30 lbs. \$30.00-39.00; 40-60 lbs. 40.00-50.00. Shoats by Lb. - to \$61.00. Slaughter Hogs Steady - with last week; 200-230 lbs. \$47.00-48.00; 240-260 lbs. 46.25-48.00; 180-195 lbs. 45.00-46.00; 270-300 lbs. 42.00-44.50.

Joliet Cattle

March 29, 1979

CATTLE: Friday through Wednesday's salable receipts 4,360, 5 days last week 2,973, same period last year 5,426. Trading slow for the week. Slaughter steers closed the week 2.50-4.00 lower than Wednesday of last week. Slaughter heifers closed the week 2.50-3.50 lower. Cows closed steady.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4, few 5, 1150-1350 lbs. 74.75-75.00 Monday,

72.50-73.00, 1 load 73.25 Wednesday. Choice 2-4 1050-1370 lbs. 73.50-74.50 Monday, 69.75-72.50, 1 load mostly yield grade 4 1250 lbs. 69.50 Wednesday. Mixed Good and Choice 2-4 1000-1250 lbs. 72.00-73.50 Monday, 69.00-70.00 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 3-4, few 5, 950-1145 73.00, 1 load 73.25 Monday, 1 load 70.50 Wednesday. Choice 2-4 900-1050 lbs. 71.50-73.00 Monday, 68.50-70.00 Wednesday. Mixed Good and Choice 2-3 800-1000 70.00-71.50 Monday, 67.50-68.50 Wednesday.

COWS: Utility & Commercial 1-3 53.00-56.00, few 57.00 Monday, 53.00-56.00 Wednesday.

Peoria Cattle

March 29, 1979

CATTLE: Receipts this week: 3600 Last week: 3500 year ago: 3400 compared with last week's close slaughter steers 3.00-5.00 lower. Slaughter heifers 3.00-3.50 lower. Cows steady to 1.00 higher. Bulls weak. Receipts about 65 percent, slaughter steers, 30 percent slaughter heifers, balance mainly cows.

SLAUGHTER STEERS: Choice and prime 3-4 1150-1250 lbs. 70.50-71.00; load Monday 1340 lb. 75.00; choice 2-4 950-1250 lbs. 69.00-70.50, early 73.50-74.50; mixed good

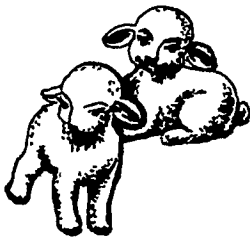
and choice 2-4 900-1300 lbs. 70.50-73.50; Wednesday 68.00-69.00; good 2-3 65.00-68.00; part-load good and choice 2-3 holsteins 65.00; few good 2-3 63.50.

SLAUGHTER HEIFERS: choice and prime 3-4 900-1085 lbs. early 72.50-73.00 load 73.25, part-load 73.50; late 69.00-70.00, load 70.25; choice 2-4 850-1075 lbs. at mid-week 68.00-69.00; mixed good and choice 2-4 800-1050 lbs. 66.00-68.00; good 2-3 61.00-66.00; standard and good 2-3 57.00-61.00.

COWS: utility and commercial 1-3 53.00-58.00; high-dressing utility 59.00-60.00; cutter 1-2 50.00-53.00; canner 44.00-50.00.

BULLS: yield grade 1-2

1100-1800 lbs. 61.00-68.00; few yield grade 1 69.00-70.00.



AN IMPORTANT NOTICE TO ALL CONSIGNORS OF LAMBS

On Monday, April 9th, which is the Monday before Easter, and on Monday, April 16th, which is the Monday before the Greek Easter, all lambs will be sold at auction beginning at Noon. All these lambs will be sorted and weighed upon arrival and we recommend that these be the days, Monday, April 9th, and Monday, April 16th, to have your lambs on the market, and your consignments are respectfully solicited. For further information contact Horace Plank. Tel.: Area (717) 397-5136 (office), or Area (717) 392-2304 (residence).

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Lancaster Stockyards

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USDA RANDOM SAMPLE TESTS

TWO YEAR COMBINED SUMMARIES

1967-77 / 1977-78

	Net Income	Egg Prod./hen housed	Average Egg Weight (oz/doz)	Lb/Kg Feed per Lb/Kg Egg	Laying House Mortality %
SHAVER 288	\$ 5.09	256	26.8	2.41	5.0
Hisex White	5.05	257	25.5	2.42	5.3
Duchess 60	5.02	255	24.4	2.46	6.2
Babcock B-300V	4.95	249	25.8	2.42	6.2
DeKalb X-L Link	4.89	251	25.8	2.45	6.0
Colonial Mini	4.73	233	25.0	2.40	6.1
Ideal 236	4.69	236	26.3	2.48	7.0
Carey Nick	4.64	244	25.2	2.54	6.2
H & N Nick Chick	4.43	238	25.2	2.57	6.9
Hubbard White	4.40	245	25.8	2.49	7.7
Tatum T-100 White	4.12	234	25.9	2.52	9.6



*For the 12th time in fourteen years Shaver 288 has led the USDA Random Sample Test 2 year summaries.

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Livestock market and auction news

Central US Carlot

March 28, 1979

Compared to Tuesday's 4:30 report: Choice steer beef steady - 1.00 lower than late Tuesday. Choice heifer beef mainly 3.00 lower. Cow beef .75-1.00 lower. Beef trimmings, 50 per cent lean, steady-weak. Trade moderate; demand continues light especially in view of light retail movement, declining fabricated price levels and pressure from more attractively priced meat. Clean-up of available carcass beef offerings fairly complete in late trade. Sales reported on 71 loads of carcass beef.

STEER BEEF

47 Loads

Choice 3 600-900 lbs. 101.00-102.50, mostly 101.50-102.50, steady-1.00 lower than late Tuesday.

Choice 2 600-800 lbs. 104.00, steady.

Choice 2 550-650 lbs. 103.50-105.50, mostly 103.50-104.00 sliced & trimmed.

Choice 3 550-650 lbs. 102.50-104.50, mostly 102.50-103.00 sliced & trimmed.

HEIFER BEEF

16 Loads

Choice 3 500-700 lbs. 98.50-100.50, late, mostly 99.50; mainly 3.00 lower.

COW BEEF

8 Loads

Utility 3-4 450 & Up lbs. (BRKG). 93.25-94.25, late 93.25 (West Coast), 1.00 lower.

Utility 2-3 400 & Up lbs. (BNG) 97.25-98.25, late 97.25 (West Coast), 1.00 lower.

Utility 2-3 400 & Up lbs. 97.00 (Midwest) (BNG) .75 lower.

PRIMAL BEEF CUTS

Choice 3

8 Loads

HINDS: 145-190 lbs. 120.00

(Steer)

HINDS: 120-170 lbs.

117.50-118.00 (Heifer)

FORES: 130-210 lbs. 85.50

(East Coast)

ARM CHUCKS: 75-120 lbs.

86.25 (West Coast) Early

ROUND: 65-95 lbs. 115.50

(Steer)

BONELESS PROCESSING

BEEF/BEEF TRIMMINGS

9 Loads

50 per cent chemical lean

fresh 60.00-61.50, (box-

ed/combo) steady-weak.

75 per cent chemical lean

fresh 110.00 (combos)

80 per cent chemical lean

fresh 142.75 (combos)

Compared to Tuesday's

2:15 report: fresh pork loins

.50-.75 lower for late week

shipment; frozen 14-17 lbs.

1.00 lower. Picnics and

Boston butts not established.

Skinny hams 1.50-4.00

lower. Bellies steady - 1.00

lower. 72 per cent trimmings

2.75 lower. Trading slow to

moderate with best activity

for hams and bellies. De-

mand light due to liberal

slaughter levels and

available product supplies.

Sales reported on 86 loads,

including 8 loads of trim-

mings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 86.75 -

mostly 87.00, 50-75 lower;

14-17 lbs. 85.75 - mostly 86.00,

50-75 lower; 14-17 lbs.

86.50-87.50, 1.00 lower; 17-20

lbs. 86.50 next week shpmt,

1.00 higher.

SKINNED HAMS: 14-17

lbs. 84.50-85.50, late 84.50,

1.50 lower; 14-17 lbs. 86.00,

17-20 lbs. 85.75-86.50, late

76.50, 2.00-3.50 lower; 17-20

lbs. 80.00: 20-26 lbs.

76.00-78.00, late 76.00,

2.00-4.00 lower; 26 & Up lbs.

74.00, 1.00 lower than Mon-

day.

BELLIES, SDLS: 10-12

lbs. 48.00, 1.00 lower; 12-14

lbs. 50.00-51.00, steady; 14-16

lbs. 50.50-50.75, steady; 16-18

lbs. 48.00-48.75, mostly 48.00,

steady-25 lower; 18-20 lbs.

45.25, 75 lower; 18-20 lbs.

45.00; 20-25 lbs. 45.00.

BNLS CUT BUTT: 1½-3

lbs. 127.00 frozen.

BLADE MEAT: Frozen

114.00.

SKINNED JOWLS: Fresh

30.50.

PORK TRIMMINGS/

BONELESS PROCESSING

PORK (CHEMICAL LEAN)

42 per cent trimmings

37.25 fresh/bags.

42 per cent trimmings

39.00-40.00 frozen/boxed.

72 per cent trimmings

80.25 fresh/bags, 2.75 lower

72 per cent trimmings

81.00-83.00, late 81.00,

frozen/boxed.

72 per cent boneless 86.00

frozen/boxed

Picnics

Middleburg Auction

March 27, 1979

CATTLE 276. Compared with last Tuesday's market, Choice slaughter steers 71.00-74.85, one at 76.50, good 69.00-73.50, Standard 65.00-69.00. Choice slaughter heifers 68.00-70.75, Good 62.00-68.00, Standard 60.00-62.00, Utility 53.00-59.75. Utility & Commercial slaughter cows 53.00-57.85, one at 58.25, Cutters 52.00-56.75, Canner & Low Cutter 48.50-53.00, shells down to 46.00. Good slaughter bullocks 65.00-69.75. Yield Grade #1 1200-2250 lbs. slaughter bulls 66.00-73.50; yield grade #2 800-1200 lbs. 62.00-65.00. Few Good 350-750 lbs. feeder steers 72.00-95.00.

CALVES - 156. Prime vealers 120.00-138.00, Choice 115.00-120.00, Good 105.00-115.00, Standard & Good 90-110 lbs. 95.00-100.00, 70-90 lbs. 75.00-95.00. Farm calves, holstein bulls 95-115 lbs. 100.00-126.00; holstein heifers 90-150 lbs. 100.00-180.00.

HOGS 1133. (Monday, March 26, 1979). US No. 1-2 200-230 lbs. barrows & gilts 47.25-51.10, few lots 48.50, No. 1-3 195-250 lbs. 46.50-47.25, No. 2-3 200-270 lbs. 44.25-46.25. US No. 1-3 300-740 lbs. sows 36.00-42.50, No. 2-3 300-500 lbs. 32.00-36.00. Boars 200-800 lbs. 36.00-39.50.

FEEDER PIGS 249. US No. 1-3 10-20 lbs. feeder pigs 20.00-35.00 per head, No. 1-3 20-40 lbs. 35.00-50.00, No. 1-3 40-60 lbs. 50.00-62.00 per head.

SHEEP 26. Good 75-90 lbs. wooled slaughter lambs 55.00-68.00. Slaughter ewes 25.00-38.00.

Shenandoah Valley Livestock

Harrisonburg, Va.

March 24, 1979

STOCKER, FEEDER AND SLAUGHTER CATTLE: Good Light Steer Calves 100.00 to 117.00; Medium 95.00 to 100.00; Plain 90.00 and down; Good

Heavy Steers 90.00 to 95.00; Medium 85.00 to 90.00; Plain 80.00 and down; Holstein Steers 63.25 to 75.25; Good Slaughter Steers 68.00 to 70.00; Medium 65.00 to 68.00; Plain 63.00 and down; Good Light Heifer Calves 85.00 to 92.00; Medium 80.00 to 85.00; Plain 75.00 and down; p Good Heavy Heifers 74.00 to 78.50; Medium 70.00 to 74.00; Plain 65.00 and down; Good Slaughter Heifers - Not enough to quote; Slaughter Cows 50.00 to 56.75; Utilities 45.00 to 50.00; Cannery and Cutters 45.50 and down; Milk & Stock Cows 95.00 and down; Stock Bulls 46.00 to 88.00; Slaughter Bulls 57.00 to 65.50.

CALVES: Veal calves 108.00 and down; Baby Calves 135.00 and down.

SHEEP & LAMBS: Choice Blue O 67.75; Good Red O 61.75; Slaughter Ewes 10.00 to 29.50; Stock Ewes 110.00 and down.

HOGS: Top Hogs 46.55; Medium & Heavy 44.85; Boars 35.00; Sows 36.50 to 41.00.

Chambersburg Auction

March 22, 1979

CATTLE 367. Compared with last Thursday's market, slaughter steers grading Good \$1 higher. Slaughter cows strong to \$1 higher. Choice 3-4, 1000-1250 lbs. slaughter steers 68.00-71.25, Good 67.25-69.25, Standard 65.00-68.00, few Utility 62.00-64.00. Choice slaughter heifers 67.50-73.00, one at 74.25, few good 64.72-65.25, few Utility 58.00-62.00. Utility and Commercial slaughter cows 54.00-58.85, few to 59.85, Cutters 53.00-57.50, Canner and Low Cutters 49.50-53.50, few Shells down to 46.00. Few Choice slaughter bullocks 70.25-74.35, few Good 67.35-69.85. Yield Grade No. 1, 1200-1900 lbs. slaughter bulls 63.00-69.85. Few Good and Choice 350-600 lbs. feeder steers and bulls 73.00-92.00.

CALVES 441. Vealers grading Choice steady to \$4

lower, Standard and Good \$6-\$8 higher. Few Prime vealers 132.00-135.00, Choice 113.00-130.00, Good 105.00-115.00, Standard and Good 90-110 lbs. 99.00-105.00, 70-85 lbs. 92.00-98.00. Farm Calves: Holstein bulls 90-120 lbs. 97.00-115.00; Holstein heifers 90-150 lbs. 120.00-220.00.

HOGS 80. Barrows and gilts 50 cents-\$1 lower. Few lots US No. 1-2 200-255 lbs. barrows and gilts 49.00-50.50, No. 1-3 220-250 lbs. 48.50-49.00. Few US No. 1-3 300-500 lbs. sows 37.50-44.75. Few Boars 35.75-36.75.

FEEDER PIGS 17. Two lots US No. 1-3 30 and 45 lbs. feeder pigs 35.00 and 53.00 per head.

SHEEP 13. Few Choice 70-80 lbs. wooled slaughter lambs 71.50-76.00. Couple Yearling ewes at 50.00.

East Coast Carlot Meats

March 28, 1979

Compared to Tuesday: Prime special fed veal weak in limited trading. Good and choice boning veal from Northeastern suppliers mostly steady to 2.00 lower, inshipped 4.00-5.00 lower than Monday's last good test. No sales spring lamb reported. Old crop lamb 55 lbs. down 5.00-7.00 higher, 55-65 lbs. 15.00-17.00 higher than last week.

VEAL CARCASS HIDE ON

PRIME (Special Fed) 180-240 lbs. LTD 195.00-197.00, weak.

GOOD AND CHOICE

BONING TYPE - HIDE ON:

Northeastern Suppliers -

65-75 lbs. 136.00-140.00, bulk

138.00-140.00, all mostly

steady to 2.00 lower; 55-64

lbs. 134.00-138.00, bulk

136.00-138.00; 45-54 lbs.

132.00-136.00, bulk

134.00-136.00; 34-44 lbs.

130.00-134.00, bulk

132.00-134.00; 34 lbs. down

128.00-132.00, bulk

130.00-132.00.

Midwest and West Coast

Suppliers - 70-80 lbs. 140.00,

4.00-5.00 lower than Monday;

60-70 lbs. 138.00; 50-60 lbs.

136.00; 40-50 lbs. 134.00; 30-40

lbs. 132.00.

LAMB CARCASS

Choice and Prime 3-4

¾ Loads

Compared to last week 55 lbs. down 145.00-147.00, 5.00-7.00 higher, mostly 146.00; 55-60 lbs. few 140.00; 55-65 lbs. 130.00-132.00, 15.00-17.00 higher, mostly 132.00; 65-75 lbs., few 127.00.

BONELESS BEEF

¾ Loads

90 per cent chemical lean, fresh 147.00, part load; 85 per cent chemical lean, fresh 136.00; 65 per cent chemical lean, fresh 96.00; 75 per cent chemical lean, fresh, part load 113.00.

CURED AND PROCESSED MEATS

21 Loads

SKINNED HAMS: 16-19 lbs. 96.00, generally steady, part load 93.00; 19-23 lbs. 87.50-88.00, part load 86.00.

SEMI BNLS HAMS: 14-17 lbs. 107.00, weak.

BONELESS HAMS: 13-17 lbs. 135.00, weak.

FRANKS: 70 Beef, 30 Pork, 1 lb. pack 92.00, steady.

BOLOGNA: 70 Beef, 30 Pork, 1 lb. pack 102.00, steady.

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Wed. 9-4:30; Sat. 9-5

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7:00 P.M. - Small Animal Sale

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2-7FC

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12 Miles East of Lancaster
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WEEKLY FEEDER PIG SALE EVERY WEDNESDAY

Livestock market and auction news

Leesport Auction

Leesport, PA
March 28, 1979

CATTLE 213. Supply included 38 head feeder cattle. Compared with last Wednesday's market, slaughter steers grading Good & Choice \$1 to \$2 lower. Slaughter cows strong to \$2 higher. Choice 1100-1400 lbs. slaughter steers 69.75-72.10, Good 67.00-70.25, Standard 64.10-67.85, few Utility 63.00-64.75. Few Choice 930-1100 lbs. slaughter heifers 63.75-65.50, few Good 58.00-61.25, few Standard 57.50-58.00. Utility & Commercial slaughter cows 55.00-57.60, few 58.75, Cutters 53.75-56.00, few Canner & Low Cutter 50.00-54.00. Few Good & Choice slaughter bullocks 65.25-71.10, few Standard 63.00-67.10. Few Yield Grade No. 1-2 1200-2000 lbs. slaughter bulls 65.00-67.85, one at 69.75. Choice 350-550 lbs. feeder steers 88.00-92.00, few to 103.00, few 650-750 lbs. 76.50-81.00; few Choice 600-725 lbs. feeder heifers 68.00-75.00; few Medium 660-700 lbs. feeder bulls 59.00-59.50.

CALVES 127. Vealers grading Standard & Low Good uneven, mostly weak to \$4 lower. Few Prime vealers 114.50-116.00, Choice 105.00-114.50, few Good 97.50-105.00, few Standard & Good 110-130 lbs. 95.00-107.00, 90-110 lbs. 88.00-95.00, 70-90 lbs. 80.00-90.00, Utility 65-110 lbs. 66.00-85.00. Farm calves, holstein bulls 100-125 lbs. 98.00-120.00, few 90-100 lbs. 90.00-100.00; holstein heifers 90-140 lbs. 105.00-140.00.

HOGS 389. Barrows & gilts \$5 to \$5.50 lower US No. 1-2 200-240 lbs. barrows & gilts 43.25-44.25, few to 44.85, No. 1-3 190-250 lbs. 41.75-43.50, few No. 2-3 230-290 lbs. 38.00-41.10, one lot No. 1-3 175 lbs. 42.75. Sows \$4.50 to \$5 lower. US No. 1-3 350-500 lbs. sows 35.00-37.00, few to 41.50, few No. 2-3 435-630 lbs. 34.00-34.50. Few Boars 32.00-33.00, few light weights 35.00-40.00.

FEEDER PIGS 156. US No. 1-3 20-45 lbs. feeder pigs 128.00-137.00 cwt., one lot No. 1-3 48 lbs. 117.00, few No. 1-3 65-70 lbs. 85.00-97.00, few Utility 25-40 lbs. 90.00-110.00 cwt.

SHEEP 174. Choice 35-50 lbs. spring slaughter lambs 100.00-125.00, 55-85 lbs. 79.00-91.00, 85-115 lbs. 70.00-80.00. Slaughter ewes 22.00-36.00.

St. Louis Cattle

National Stockyards
March 29, 1979

Receipts this week 6,500; week ago 6,300; year ago 8,100. Compared with last weeks close, slaughter steers unevenly .50-1.50, mostly 1.00-1.50 lower. Slaughter heifers 1.50-2.00 lower. Cows .50-1.00 higher. Bulls fully steady. Slaughter supply mainly Choice and mixed Choice and Prime 2-4 1000-1200 lbs. steers, around 35 percent heifers and 15 percent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 72.00-73.50, one load early 74.00. Closing sales 72.00-72.50. Choice 2-4 950-1250 lbs. 70.00-73.00, closing week sales 70.00-71.50. Mixed Good and Choice 2-4 1200 lbs. 69.00-72.00. Good 2-3 900-1150 lbs. 66.50-70.00. Standard to Good 2-3 1050-1300 lbs. holsteins 63.00-66.00, closing 63.00-65.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 68.00-70.50, closing 68.00-68.50. Part load Prime 4-5 1200 lbs. 64.00. Choice 2-4 800-1050 lbs. 66.50-70.00, closing sales 66.50-68.00. Mixed Good and Choice 2-3 700-975 lbs. 65.60-58.00. Good 2-3 700-950 lbs. 62.00-66.50.

COWS: Utility and Commercial 2-4 51.00-56.00. Boning Utility 1-2 55.50-57.00, closing sales 56.00-57.50. Cutter 1-2 49.00-55.00. Canner and low Cutter 1-2 44.50-50.00.

BULLS: Yield Grade 1-2 1050-1900 lbs. 62.00-67.00. Yield Grade 1 1650-2200 68.00.

FEEDERS: (Including around 2,400 at the regular Thursday auction) Feeder steers and heifers very uneven, generally steady to 2.00 lower. Demand good for bulk of offerings. Supply mostly Choice and mixed Good and Choice 400-700 lbs. steers and 300-600 lbs. heifers.

FEEDER STEERS: Choice 300-400 lbs. 95.00-104.00; lot thin 352 lbs 110.50; 400-500 lbs 90.25-100.50; 500-600 lbs. 82.00-92.00; 600-700 lbs. 76.00-84.50; fleshy 850-975 lbs. 70.75-72.25. Mixed Good and Choice 325-500 lbs. 85.00-91.50; 500-600 lbs. 79.00-83.00.

FEEDER HEIFERS: Choice 300-400 lbs. 80.50-86.75; 400-500 lbs. 76.50-84.00; 500-600 lbs 70.75-79.50; 600-700 lbs. 65.00-74.75; fleshy 725-850 lbs. 63.00-70.50. Mixed Good and Choice 725-850 lbs. 70.00-81.00.

Dewart Auction

Dewart, Pa.
March 26, 1979

CATTLE 164. Compared with last Monday's market, slaughter steers grading Good \$2 higher. Slaughter cows \$1.50-\$2 higher. Few High-Choice and Prime slaughter steers 74.35-75.35, Choice 2-4, 1000-1300 lbs. 71.50-73.75, few Good 65.85-68.35, few Standard 63.10-65.60. Individual Good slaughter heifer at 65.00, few Standard 61.50-63.50. Utility and Commercial slaughter cows 54.00-58.50, Cutters 53.00-56.50, Canner and Low Cutters 48.75-52.50. Couple Choice slaughter bullocks at 68.85, few Good 64.85-67.00. Few Yield Grade No. 1, 1050-1500 lbs. slaughter bulls 63.50-65.00. Few Good 570-800 lbs. feeder steers 71.00-78.00.

CALVES 193. Vealers grading Standard and Low Good about steady. Few Prime vealers 114.00-120.00, Choice 106.00-111.00, Good 98.00-105.00, Standard and Good 90-110 lbs. 96.00-101.00, 70-85 lbs. 90.00-96.00. Farm Calves: Holstein bulls 90-120 lbs. 95.00-105.00; few Holstein heifers 90-130 lbs. 120.00-150.00.

HOGS 429. Barrows and gilts \$2.50-\$3 lower. US No. 1-2 200-230 lbs. barrows and gilts 48.60-49.00, No. 1-3 190-245 lbs. 45.60-48.60, No. 2-3 240-260 lbs. 42.00-45.00, one lot 300 lbs. at 37.50. US No. 1-3 300-625 lbs. sows 35.50-40.00. Few Boars 35.00-38.75.

FEEDER PIGS 140. US No. 1-3 35-50 lbs. feeder pigs 38.00-50.00 per head, one lot No. 1-3 60 lbs. at 55.00 per head, Utility 60-75 lbs. 40.50-53.00 per head.

SHEEP 11. Few Choice 90-

100 lbs. spring slaughter lambs 85.00-91.50.

Market courtesy of Pennsylvania Market News Service.

Morrison Cove Livestock Auction

Morrison Cove
Livestock Auction
Martinsburg, Pa.
March 26, 1979

CATTLE 224. Compared with last week's market: High Choice and Prime slaughter steers 72.00-74.00, Choice 69.50-72.00, Good 68.50-71.00, Standard 66.00-69.00, Utility 58.00-64.00. Choice slaughter heifers 67.50-70.00, Good 64.00-68.00, Standard 63.50-65.00, Utility 58.00-61.00. Utility and Commercial slaughter cows 55.50-60.00, Cutters 52.50-56.00, Canner and Low Cutters 50.00-54.00, Shells down to 46.00. Few Choice slaughter bullocks at 69.50, Good 62.00-67.00, Standard 62.50-64.50, Utility 57.00-60.00. Yield Grade No. 1, 1400-1800 lbs. slaughter bulls 64.00-69.00, #2, 900-1600 lbs. 58.00-63.00. Medium and Good 300-550 lbs. feeder steers 80.00-100.00.

CALVES 250. Choice vealers 105.00-125.00, Good 90.00-110.00, Standard and Good 70-90 lbs. 60.00-90.00. Farm Calves: Holstein bulls 90-120 lbs. 95.00-122.00, 70-90 lbs. 60.00-90.00; Holstein heifers 80-130 lbs. 130.00-218.00.

HOGS 366. US No. 1-2 200-240 lbs. barrows and gilts 47.75-48.75, No. 1-3 195-240 lbs. 46.00-47.50, No. 2-3 250-270 lbs. 45.00-47.00, No. 1-3 130-180 lbs. 38.00-45.00. US No. 1-3 300-500 lbs sows 39.00-42.00, No. 2-3 300-650 lbs. 37.50-40.00. Boars 32.00-40.00.

FEEDER PIGS 18. US No. 1-3 20-35 lbs. feeder pigs 25.00-45.00 per head, few No. 1-3 35-50 lbs. at 60.00 per head.

SHEEP 0. No sales on offer.

Market courtesy of Pennsylvania Market News Service.

Sechrist Auction

Stewartstown, Pa.
March 26, 1979

CATTLE 59. Steers - High Choice and Prime 70.00 to 74.50; Good Choice 68.00 to 70.00; Holsteins Good 65.00 to 68.00; Standard to Good 60.00 to 63.85. Heifers - High Choice and Prime 63.00 to 68.25; Good to Choice 60.00 to 63.00; Holsteins Good 58.00 to 64.00. Feeder Steers - Good and Choice 85.00 to 99.00; Standard Good 75.00 to 85.00. Bulls - Good and Choice Commercial 70.00 to 72.50; Standard to Good 68.00 to 70.00. Cows - High Yearling Commercial 55.50 to 59.50; Cutters 53.00 to 55.25; Cannons Low Cutters 50.00 to 53.00; Shells 45.00 to 51.00.

CALVES 45. Calves - Choice and Prime 110.00 to 120.00; Good and Choice 100.00 to 110.00; Standard and Good 98.50 to 100.00; Bull Good 110-140 lbs. 100.00 to 128.00; Hfrs. 90-110 lbs. 95.00 to 120.00; Culls 50.00 to 95.00.

HOGS 494. Hogs - U.S. No. 1 and 2, 190-220 lbs. 48.00 to 49.00; U.S. No. 1 and 3, 190-230 lbs. 47.50 to 48.00; U.S. No. 1 and 3, 180-250 lbs. 47.00 to 47.50. Sows - 250-375 lbs. 42.00 to 44.85; 400-500 lbs. 37.50 to 42.00. Boars - 300-500 lbs. 36.00 to 40.00.

SHEEP 18. Lambs - Good

to Choice 75.00 to 95.00; Medium and Good 55.00 to 75.00. Ewes 25.00 to 35.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 190-215 lbs. 48.00 to 48.50.

Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. 47.00 to 47.50.

Private Treaty Fat Hogs, No. 1 and 3, 190-250 lbs. 46.00 to 46.50.

Lancaster Feeder Cattle

Lancaster, Pa.
March 23, 1979

Feeder Cattle

Today 490
Last Friday 815
Last Year Holiday

TREND: Compared to last Friday few lots feeder steers and heifers steady to weak. Supply included about 200 sold in lots of five or more, balance in lots of one to three mainly in clean up trade.

FEEDER STEERS: Choice 495-540 lb. 94.75-99.50, one lot 610 lb. 92.35, Choice 810-950 lb. 73.50-76.50, one lot 980 lb. 71.50.

FEEDER HEIFERS: One lot Choice 490 lb. 84.50, one lot Choice 605 lb. 80.50, one lot 650 lb. 73.85; mixed Good and Choice 660-785 lb. 68.25-71.35.

Market courtesy of USDA.

Old Game

Backgammon is one of the oldest known games, dating back more than 4,000 years. The object of this intriguing game is to move men from your opponents quadrant to the playing board to your home area. This is accomplished by rolling dice.

BEEFALO HYBRID CATTLE BRED BEEFALO FOR SALE

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Livestock market and auction news

Oklahoma Cattle

March 29, 1979
Thursday Feeder
Cattle Auction

Estimated receipts 6,600
Same day last week 5,596
Moderately active, feeder steers under 800 lb. near steady, feeder steers over 800 lb. 1.00-3.00 higher; feeder heifers under 500 lb. near steady, feeder heifers over 500 lb. 1.00-2.00 higher; majority receipts choice 400-800 lb. feeder steers and 400-650 lb. feeder heifers; moderate attendance buyers.

FEEDER STEERS: Choice, few prime 300-500 lb. 101.00-115.00, 500-600 lb. 89.75-99.00, few 100.00-102.00, 600-700 lbs. 84.75-89.25, 700-800 lb. 82.00-86.00, few 800-850 lb. 79.00-81.25; mixed good and choice 300-400 lb. 95.00-107.50, 400-500 lb. 89.00-98.25, 500-600 lb. 84.25-89.75, part load thin 561 lb. at 94.25, 600-700 lb. 81.50-84.25, 700-800 lb.

78.50-82.00, few 800-850 lb. 73.50-78.50, few good 300-500 lb. 85.25-89.00, few 500-600 lb. 78.00-80.75, 600-800 lb. 73.00-77.00, few 800-970 lb. 68.50-71.00, part load good 957 lb. holstein steers at 67.75.

FEEDER HEIFERS: Choice, few prime 300-400 lb. 96.00-98.25, package 357 lb. at 102.50, 400-500 lb. 89.75-92.50, 500-600 lb. 80.75-83.25, part load 539 lb. 85.00; 600-700 lb. 75.00-79.50, part load 791 lb. at 75.75; mixed good and choice 300-400 lb. 85.00-89.00, 400-500 lb. 82.00-86.50, 500-600 lb. 75.50-80.50, 600-700 lb. 72.75-74.25, small lot 762 lb. 72.30, few good 300-500 lb. 75.50-83.00, part load 595 lb. at 73.75, few 700-800 lb. 68.00-69.00.

FOR THE WEEK: Compared to late last week, feeder calves under 500 lb. 1.00-2.00 higher; 500-800 lb. feeder steers steady, feeder steers over 800 lb. 50 cents to 1.00 higher; feeder heifers over 500 lb. 50 cents to 1.00 lower; slaughter cows closed

50 cents to 1.00 higher, late sales utility and commercial 2-3 55.50-61.00, high dressing 62.30-62.50; cutter 1-3 51.00-57.50; bulls closed near steady, weeks sales consisted of YG 1-2 1000-1800 lb. 60.00-70.00, one individual YG 1, near 2,000 lb. at 72.00, salable receipts near 18,650 head, compared to 17,548 head last week and 18,953 head the same week a year ago. Cows and bulls near 9 per cent of cattle receipts, feeders near 91 per cent of the total.

G&M Livestock

Duncansville, Pa.
March 26, 1979

Market report steady.

STEERS: Dairy Cows 410.00 to 1040.00; High Choice and Prime 71 to 73.10; Choice 68.00 to 71.00; Standard to Good 65.00 to 68.00.

HEIFERS: High Choice and Prime 67.00 to 69.00; Good to Choice 63.00 to 67.50; Standard 58.00 to 63.00.

FEEDERSTEERS: Good to Choice 300 to 500 lbs. 85.00 to 96.00; 500 to 700 lbs. 75.00 to 85.00.

BULLS: 1200 to 1700 lbs. 63.00 to 69.00.

COWS: High Choice to Prime 61.00 to 63.00; Good 58.00 to 61.00; Utility 52.00 to 58.00; Canners down to 42.00.

CALVES: High-Choice 115.00 to 128.00; Good to Choice 100.00 to 115.00; Standard to Good 80.00 to 100.00; Utility 60.00 to 80.00.

Farm Calves Holstein Bulls 90.00 to 126.00.
Farm Calves Holstein Heifers 175.00 to 214.00.

HOGS: 200 to 240 lbs. 47.50-49.10; 170 to 260 lbs. 44.00 to 47.50.
SOWS: 40.00 to 45.50.

BOARS: 35.00 to 40.00.
Feeder Pigs 15 to 25 lbs. 32.00 to 39.00; 35 to 50 lbs. 38.00 to 54.00.

LAMBS: 70.00 to 89.00.
SHEEP: 25.00 to 35.00.

Lancaster Weekly

(Continued from Page 2)

1100-1430 lbs. 71.75-74.00, few early part of week 74.00-75.25; Choice mainly 2 1000-1325 lbs. 73.50-75.00, few early part of week 75.00-76.00; Choice 2-4 1000-1400 lbs. 69.50-73.25; high Good and low Choice 2-3 68.00-70.50; Good 2-3 65.75-69.00; Standard 1-2 62.00-66.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1100 lbs. 67.00-70.10, couple 72.50-74.50; mixed Good and Choice 2-3 900-1100 lbs. 64.00-67.25; Good 2-3 850-1075 lbs. 61.00-65.00.

COWS: Utility and Commercial 1-3 54.00-57.50, few 57.50-58.75; Cutter 1-2 53.00-55.50, few 55.50-57.50; Canner and low Cutter 48.00-52.50.

BULLOCKS: Choice 1000-1350 lbs. 67.00-70.50; Good 1000-1275 lbs. 63.50-67.00.

BULLS: Yield Grade 1 1300-2100 lbs. 64.50-68.50 with closing sales 68.50-71.50. Individual 2245 lbs. 75.00. Yield Grade 2 1000-1350 lbs. 62.75-68.50.

VEAL CALVES: Vealers 5.00-10.00 lower after Monday sales being fully steady.

VEALERS: Prime 290-355 lbs. 118.00-129.00; Choice 120-300 lbs. 100.00-117.00, few early part of week 117.00-122.00, 50 head lot 250-275 lbs. 132.00; high Good and low Choice 120-250 lbs. 92.00-105.00, 90-115 lbs. 82.00-92.00, 70-90 lbs. 70.00-85.00, few 60-80 lbs. 56.00-71.00.

RETURNED TO FARM: Bulk 95-120 lbs. holstein heifers 120.00-138.00, few late 142.00-154.00, few 85-100 lbs. 90.00-105.00, bulk 90-125 lbs. holstein bulls 105.00-119.00, 40 head 100-105 lbs. 121.00, few 70-90 lbs. 80.00-100.00.

Belleville Auction

Belleville, Pa.
March 28, 1979

CATTLE 145. Compared with last Wednesday's market, slaughter cows strong to \$1 higher. Few Good slaughter steers 63.75-

67.60. Few Good slaughter heifers 65.50-69.00, few Standard 60.50-62.00. Utility and Commercial slaughter cows 54.00-57.85, few to 59.35, Cutters 52.85-56.35, Canner and Low Cutters 48.50-53.00. Few Yield Grade No. 1, 1200-1900 lbs. slaughter bulls 61.75-66.00. Few Good 350-600 lbs. feeder steers and bulls 70.00-85.50.

CALVES 198. Choice vealers 106.00-118.00, few Good 98.00-105.00, Standard and Good 90-110 lbs. 88.00-95.00, 70-85 lbs. 75.00-85.00. Farm Calves: Holstein bulls 90-120 lbs. 92.00-129.00; few Holstein heifers 90-110 lbs. 100.00-126.00.

HOGS 277. Barrows and gilts \$5.59-\$7 lower. US No. 1-3 210-225 lbs. barrows and gilts 43.85-44.10, No. 1-3 200-250 lbs. 42.00-43.85, few lots No. 2-3 280-295 lbs. 38.75-39.35. US No. 1-3 300-650 lbs. sows 35.00-40.50. Few Boars 32.00-38.00.

FEEDER PIGS 328. US No. 1-3 30-50 lbs. feeder pigs 43.50-54.50 per head, one lot No. 1-3 80 lbs. at 56.00 per head.

SHEEP 51. Few Choice 90-95 lbs. spring slaughter lambs 71.00-75.00. Slaughter ewes 30.00-39.00.

Valley Stockyards Inc. Athens

March 26, 1979

Hol. hfr. calves to 206.00; Veal Calves 90.00-119.00; Bobs, 90 to 110 lbs. 100.00-145.00; Bobs, 80 and down 75.00-90.00; Grassers & Feeders 66.00-97.00; Lambs-spring 125.00-145.00; Sheep 25.00-39.00; Hogs, 200 to 250 lbs. 43.00-47.50; Sows 39.00-42.00; Boars 32.00-37.00; Pigs 20.00-49.00; Heifers 54.50-60.00; Steers, good 68.00-70.25; Steers, feeder 26.50-87.00; Bulls 58.00-67.00; Cows, good 55.00-57.00; Cows, med. 50.00-52.50; Cows, poor or small 42.00-50.00; Cattle Market very active, Calf Market strong; Horses none; Ponies 35.00-55.00; Goats 11.00-48.00.

Number of Head
118 Cows, 23 Bulls, 530 Calves, 23 Heifers, 16 Steers, 98 Hogs, 11 Lambs, 20 Sheep.

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BAYMIX FROM AGWAY

More than ninety percent of all dairy cows are worm-infested. It's true. Researchers have found worms in nine out of ten dairy cows inspected. With these odds, chances are your herd has worms (internal parasites).

Worms can cost you money by reducing...

- milk production potential
- feed efficiency
- growth of replacement animals

BAYMIX is the "Dollars and Sense" wormer. Here's why:

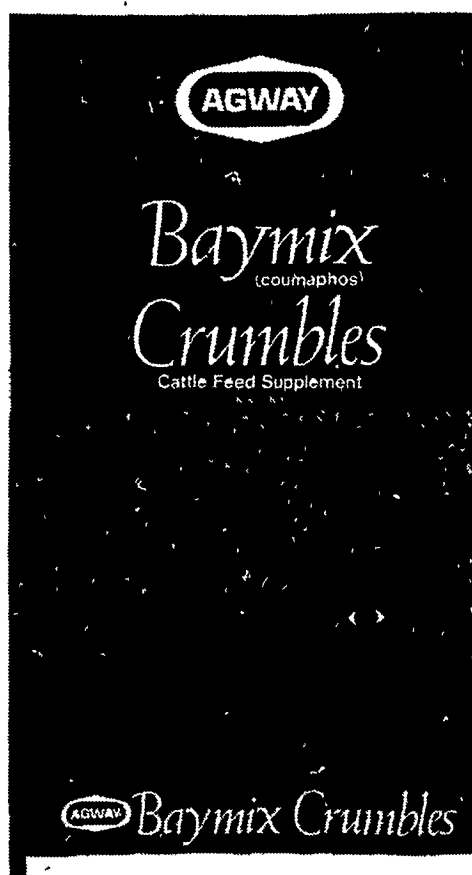
- There is no milk withdrawal with Baymix so you can worm the whole herd at one time milking cows, dry cows, calves and replacements
- Only by worming the whole herd at one time can you effectively break the worm cycle and reduce internal parasitisms on the whole farm
- Easy and convenient to feed. No handling or restraints to stress animals. Just topdress on feed for six days.

Let Agway check your herd for worms...

- using a fecal test kit, Agway can tell if worms are present in your herd. If worms are present, a Baymix worming program can be started now. The recommended Baymix program to reduce parasite levels on the whole farm is a worming in the Spring and again in the Fall.

Start using Baymix and stop worms from stealing your milk.

Make an appointment for a herd fecal survey today. Contact your local Agway store.



EDITORIAL COMMENTS By DIETER KRIEG, EDITOR

Farmland preservation appreciated

Farmers, farms, farm animals, and the entire way of life in the country is close to my heart. Like many others, I cringe every time a good farm goes out of production and buildings stand neglected. It's a shame.

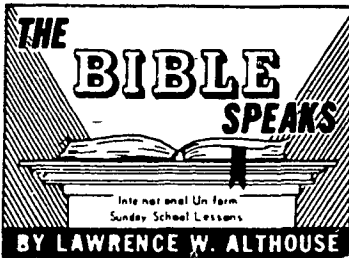
The efforts of the the Agricultural

Preservation Task Force in Lancaster County need to be commended and encouraged. Although the members of that board are undoubtedly just as occupied with work at home as any of the rest of us, they have seen fit to work long, hard, and diligently in

order to preserve a resource which can't be replaced.

They have worked and continue to work towards a goal which most farmers can identify with. For that, they deserve our thanks and, if possible, support. The preservation

of our farmers and farms is something we should all be interested in.



THE LIMITS OF LIBERTY

Lesson for April 1, 1979

Background Scripture:

1 Corinthians 8:1 through 11:1.

Devotional Reading:

1 Corinthians 9:19-27.

Nothing may seem more irrelevant to us than Paul's discussion in 1 Corinthians 8-10 on the limits of Christian freedom in light of eating "food offered to idols." Yet, if we push behind the surface issue itself, we find a concern that is just as timely today as it was then: What should the Christian do when his liberty runs into conflict with the contrary convictions of other believers? Do we "give in," or do we stand fast on our right to do whatever we believe is harmonious with our Christian conscience?

All Things Lawful, But...

In Corinth there were two groups with widely divergent views on what was and was not proper for a Christian. On the one hand there were the legalists who wanted all Christians to conform to the strict practices of the Jewish law. Much of Paul's ministry was spent in refuting this claim. In Christ, he held, the believer was endowed with a freedom that was subject, not to rules, but the Spirit of Christ dwelling within each person.

The other party of Corinthian Christians went to the other extreme: emphasizing the freedom of the

Christian, they said they were bound by no rules at all, only their own consciences. The practical result, Paul observed, was a great deal of undisciplined, unrestricted behaviour that could hardly be called Christian. Their freedom in Christ had become license.

So, in 1 Corinthians 8-10, Paul is trying to lay down a principle of conduct that is neither legalistic or irresponsible. He quotes a favorite saying of the libertines: "All things are lawful," but he goes on to amend that statement,

saying: "but not all things are helpful" (10:23). "All things are lawful," he quotes once again, "but not all things build up." Therefore, the real question for the Christian is not legal but ethical, not "may I?" but "should I?" The consideration is not its legality, but its helpfulness, whether it builds up or tears down.

Whatever You Do

"Helpful" to whom? Just so there is no mistaking his intent, Paul spells it out clearly: "Let no one seek his own good, but the good of his neighbor" (10:24). This is simply a restating of the basic teaching that we are

called by Christ to serve one another. The libertine thinks of his Christian discipleship only in terms of what it does for him. The emphasis, however, is to be on what it can mean for others.

Some have tried to make another law out of what Paul says in Corinthians, holding that we must always be bound by the beliefs and even the prejudices of others. That is not Paul's intent. The answer is not a rule, but a principle: "So whether you eat or drink, or whatever you do, do all to the glory of God" (10:31). That alone can determine the limits of Christian liberty.



NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent

Phone 394-6851

TO PROVIDE FARM SECURITY

Thefts from farms seems to be on the increase. This is very difficult to prevent because of the various items about the farm building and home; also, the number of buildings and places to enter are many. However, we suggest that every farmer take some steps in protecting his machinery, tools, livestock, and supplies. The automatic lights should be of great value in discouraging burglars.

Watch dogs are also very useful in detecting strangers about the premises. Shops, garages, and other smaller

buildings should be kept locked when possible. The identification of animals by tags branding has been used to some degree. Loading chutes and barn doors should be in the lighted area when possible. Farm thefts are on the increase and farmers should take some steps to protect their belongings.

TO PROTECT WOOL CLIP

It is expected that wool prices will be higher this year than in 1978. Growers should make every effort to market a high quality clip. We suggest that the sheep be sheared only when they are dry and the fleece be kept clean and dry. The wool pools in Berks and Cumberland counties provide a good market for quality fleeces.

This means they should be tied with paper twine with

the flesh side out; store them in a clean dry place until marketed. Wool is one of the two incomes from the sheep flock; the lambs are the other source of income. Today's prices are such that it is worthwhile to properly care for the clip until marketed. Be on the alert

for dates of the various wool pools.

TO BE CAREFUL WITH LEFT-OVER SEEDS

The spring planting season is at hand. When weather permits many types of farm and garden seeds will be put into the ground. When we

have excess seeds they may be safely stored for future use; some can be used for next year's planting.

However, it is very important that we keep these seeds away from children, pets, or farm animals. Most of them are not fit for human or livestock consumption. They have been treated with chemicals to control insects and diseases. Therefore, store them safely and avoid serious results. Don't allow the chance of mistakes or they will surely occur.

TO TAKE TIME TO BE SAFE

As soon as weather permits, our fields will be humming with tractors and all kinds of farm equipment. Some of us tend to get in

a hurry and discard safety measures. This often happens with tractors hauling equipment on the farm and from farm to farm. I realize that most readers of this article will not take it seriously and will feel that it will never happen to them.

However, "haste often brings waste" and gets us into trouble. Every tractor operator should be trained and competent to drive the tractor. Children should be kept from operating or moving machinery; here too, I realize that most farm families are guilty of giving small youngsters a ride. If the manufacturer's directions are followed, they are usually very good advice. Don't ignore them.

LETTER TO THE EDITOR

Advertising pays

Editor:

The growth of your paper is immense. Now it gets tough for us farmers to read all the pages. What is amazing to me is the volume of advertising in it. To tell people of one's product seems to get big results.

When dairy farmers are asked to support the ad campaign of the American Dairy Association, they hesitate even though they know that Class I sales are slipping. The consumer has to see on T.V. how good milk is. Therefore, it is essential to have an overall agency to do it for all dairy products.

Sheep producers evening set

LEESPORT - Two Extension specialists and an Hampshire sheep breeder from Maryland will highlight the Sheep Producers Evening on Tuesday, April 3, at the Berks County Agricultural Center, starting at 5:30 p.m.

The Berks County Sheep and Wool growers will begin with their meeting. Dr. Clair E. Engle, Extension Sheep specialist, will discuss "Is there profit in Commercial Flocks?" Keeping your flocks healthy will be the

Our dairy princesses, dairy council and the milk dealers with their brand names are helping enormously, but it is not enough. The soft drink manufacturers spend over 15 per cent of their revenues for advertising. We dairymen spend not even one per cent, and then on top of that, one cooperative wants to drop out of the Order 4 promotion budget.

It sure seems foolish to me to produce like crazy and forget the sales end of it.

K.D. Linde
Oxford RI

topic of Larry Hutchinson, Penn State Extension Veterinarian. Jack Price, a pure bred Hampshire sheep breeder from Westminster, Md. will discuss managing pure bred sheep.

A catered meal is also planned. Sheep Growers are invited to participate in all of the evenings program. There is a fee of \$1.75 to cover costs. Reservations should be made in advance by calling Clyde Myers at the Berks County Extension Office, 215-378-1327.

Farm Calendar

Sunday, April 1

Community breakfast at Ontelaunee Grange Hall, Bern Township, near Leesport, 8 a.m. to 1 p.m. Choice of menu includes sausage and pancakes, ham and eggs or sausage and eggs. Baked goods on sale.

Monday, April 2

Lancaster County sheep management meeting, Farm and Home Center, 8 p.m.

Tuesday, April 3

Sheep educational meeting, Berks County Ag Center, 6 p.m.

Berks County wool growers' meeting, 5:30 p.m. at the Ag Center.

Ephrata Area Young Farmers volleyball and recreation night, 7:45 p.m. at the Ephrata High School gym.

Wednesday, April 4

Lancaster County Conservation District meeting, 7:30 p.m. at the Farm and Home Center.

Thursday, April 5

Pennsylvania Young Farmers Association regional volleyball tournament, 7:30 p.m. at Cedar Crest High School.

Open House at new Victor F. Weaver poultry processing plant New Holland 9:30 a.m. to 2:30 p.m.

Lebanon County FFA banquet, 7 p.m. at Tulpehocken United Church of Christ.

Tree planting demonstration, Walter Brent farm, Manheim, 10 a.m.

Friday, April 6

Lancaster County 4-H tractor club round-up, 8 p.m. at the Farm and Home Center.

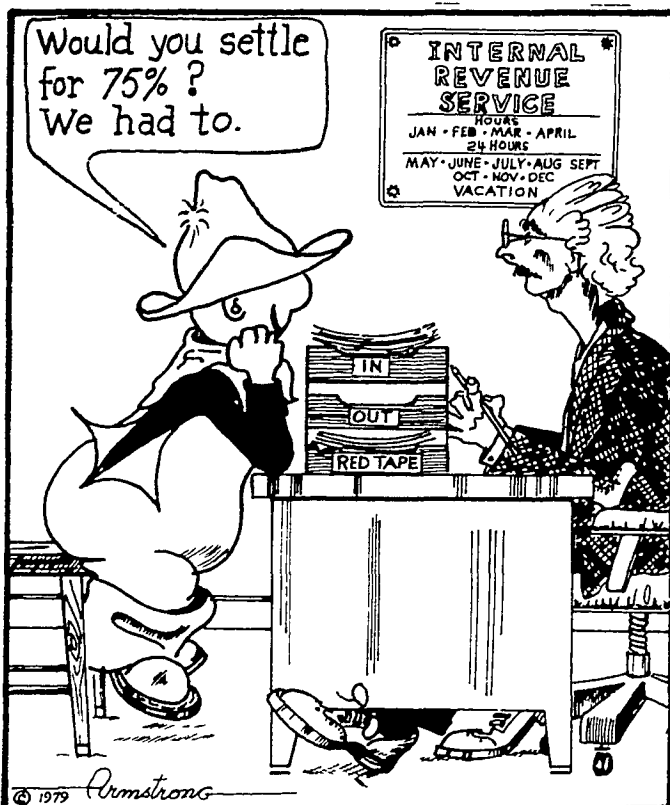
Pennsylvania Egg Marketing Association dinner meeting, 7 p.m. at the Treadway Resort Inn, Lancaster.

Saturday, April 7

Lehigh County FFA banquet, 6:30 p.m. at the Lehigh County Vo-Tech School, Schnecksville.

RURAL ROUTE

By Tom Armstrong



The Genetic Edge

New DEKALB XL-55a

New DEKALB XL-25a

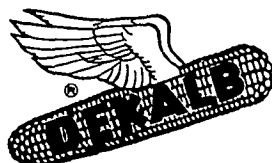
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ERNEST MILLER Hamburg, PA 215-562-8254	JOHN JOHNSON Orefield, PA 215-395-2927	DANIEL SNYDER Rebuck, PA 717-425-2333	DONALD HOFFER Lebanon, PA 717-867-2933	GERALD SEYLER Loganton, PA 717-725-3426	EUGENE HENRY Newville, PA 717-776-5308
JOSEPH RUTH Fleetwood, PA 215-944-7571	PHILLIPS FEED STORE Germansville, PA 215-767-3819	<u>SCHUYLKILL COUNTY</u>	MARVIN KAYLOR Annville, PA 717-865-2465	<u>JUNIATA COUNTY</u>	KNISELY'S AGR. CENTER Carlisle, PA 717-243-2233
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JAMES BATZ Richland, PA 717-933-8168	MARSTELLER GRAIN Trexlerstown, PA 215-395-2462	CLIFFORD HERB Pitman, PA 717-648-3092	YORK COUNTY	WILBUR GRAYBILL Mifflintown, PA 717-436-2574	MARTIN LYNCH Narrowsburg, PA 717-294-3414
HARVEY BRUBACKER Richland, PA 717-866-6635	<u>LACKAWANNA COUNTY</u>	KIEFER'S MILL Hegins, PA 717-682-3672	ROBERT MORRIS Fawn Grove, PA 717-382-4592	WAYNE DRESSLER Thompsontown, PA 717-463-2783	MULFORD GARLAND Warfordsburg, PA 717-294-3364
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<u>CHESTER COUNTY</u>	WILLIAMS FARMS Linden, PA 717-398-2692	DALE HIESTAND Bainbridge, PA 717-426-1654	ARTHUR SIGLER York, PA 717-755-8760	JOSEPH HARTLE Bellefonte, PA 814-355-2943	PERRY COUNTY
FRAZER'S FEED STORE Downingtown, PA 215-269-0991	<u>LUZERNE COUNTY</u>	JACOB GROFF Holtwood, PA 717-284-4796	CLARENCE GODFREY Glen Rock, PA 717-428-2430	<u>ADAMS COUNTY</u>	CLAIR McMILLEN Loysville, PA 717-789-3961
NORWOOD WILSON Oxford, PA 215-932-8285	GLENN BALLIET Drums, PA 717-788-2865	KENNETH MECK Willow Street, PA 717-786-7749	JACOB & STAMBAUGH Dover, PA 717-299-2564	KENT GOLDEN York Springs, PA 717-528-4343	GERALD HOLMAN Millerstown, PA 717-734-3702
TIMOTHY McCARDELL West Chester, PA 215-399-6828	HENRY DLUZESKI Shickshinny, PA 717-864-3406	JOHN Z. MARTIN New Holland, PA 717-354-5848	HAROLD GOOD Airville, PA 717-927-6147	THERON BAIR Littlestown, PA 717-359-5891	<u>BEDFORD COUNTY</u>
ROBERT STOLTZFUS Cochranville, PA 215-593-5982	<u>MONROE COUNTY</u>	DENNIS & JOHN SANGREY Conestoga, PA 717-872-8386	VERNON SEILING New Freedom, PA 717-235-4041	MELVIN STARNER New Oxford, PA 717-624-8683	HOWARD FLEEGL Everett, PA 814-652-5077
IRA NISSLEY Morgantown, PA 215-286-9329	WARREN SMITH Saylorsburg, PA 717-629-1356	JOHN YODER Christiana, PA 215-593-5732	STEWARTSTOWN MILLING Stewartstown, PA 717-993-2055	ARTHUR WOLF New Oxford, PA 717-624-8664	PAUL TURNER New Enterprise, PA 814-766-2310
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DENNIS SHARROW Catawissa, PA 717-799-5706	<u>NORTHAMPTON COUNTY</u>	DUTCH VALLEY FARM Manheim, PA 717-665-6220	JOHN KLINGLER McClure, PA 717-658-9765	MERCERSBURG ELEVATOR Mercersburg, PA 717-328-2411	WRIGHT MILLING CO. Claysburg, PA 814-239-2818
BOB MAUST Bloomsburg, PA 717-784-2439	FULMER BROS. Nazareth, PA 215-759-4365	MELVIN BOYCE Quarryville, PA 717-786-3663	EBERLIS FEED MILL Selinsgrove, PA 717-374-1112	SAM CAMPBELL Dry Run, PA 717-349-2549	<u>FAYETTE COUNTY</u>
<u>DAUPHIN COUNTY</u>	PHILLIPS FEED STORE Bath, PA 215-837-6061	BROOKLAWN FARM Lancaster, PA 717-569-1580	CARSON HOWELL Mt. Pleasant Mills, PA 717-539-8315	JOHN MUMMAU Shippensburg, PA 717-532-8022	Richard Burd Uniontown, PA 412-564-4662
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717-243-5232

Livestock market and auction news

Omaha Cattle

March 29, 1979
51 Cattle

Midweek prices on slaughter steers were 2.50-3.00 lower, instances 3.50 off. Heifers closed 1.00-2.00 lower. Cows were 50-1.00 higher and bulls firm to 1.00 higher. Fleshy two-way feeder steers sold 3.00-4.00 lower.

Fed cattle prices registered the most severe downturn since last October in reflection of a sharply declining carcass trade at the wholesale level under a relatively light demand. Most of the decline in live prices came at midweek as some slaughterers reduced hours because of unfavorable cut-out results and slow movement and other were not aggressive for maximum numbers. One major buyer was out of operation for the week with continuing labor problems. On most days a large share of the supply was good to average - choice and mud was a rather prevalent condition. Slaughter steers made up approximately 40 per cent and heifers 26 per cent. Cows comprised 10 per cent and feeders 23 per cent.

STEERS: Early, five loads choice with end prime 3-4 1082-1309 lbs. 73.50-74.25. At midweek, three loads choice with end prime 3-4 1152-1287 lbs. 72.00. Choice 2-4 1000-1250 lbs. closed

69.50-71.00, mostly choice muddy 69.00-69.50. Mixed good and choice 2-3 975-1250 lbs. 68.00-69.50. Good 2-3 65.00-69.00.

Average of LS-214, detailed quotations for choice 900-1100 lbs. steers this week 71.35; choice 1100-1300 lbs. 71.58. Average weight steers for the first three days this week 1126 lbs. as compared 1160 lbs. previous week. Average weight heifers for the first three days this week 988 lbs as compared 981 lbs. the previous week.

HEIFERS: Several loads choice and prime 3-4 911-1125 lbs. 71.50-72.60 fore part of week. At midweek, part loads same grade 967-1017 lbs. 70.50 choice 2-4 900-1050 lbs. closed 68.00-70.00. Mixed good and choice 2-3 875-1025 lbs. 66.50-68.00. Good 2-3 62.00-66.50.

COWS: Utility and commercial 2-4 54.00-56.50, few high-dressing 57.00. Cutter 52.00-55.00. Canner and Low-Cutter 49.00-53.00.

BULLS: 1-2 1400-2100 lbs. 61.00-68.00, individual 1 69.00-71.00.

FEEDERS: Choice 975-1100 lb. steers 72.50-73.25 early, late sales 69.00-70.00.

Chambersburg Auction

March 29, 1979

CATTLE 377. Compared with last Thursday market, slaughter steers \$1 to \$2.50 lower. Sl. cows mostly

strong to 50 cents higher, spots \$1.50 higher on canner. Low to average Choice 1000-1200 lbs. sl. steers 67-69.50, one at 70.85; Good 64.00-68.00; Standard 62.00-66.00; sl. heifers 65.50-69.50, few Good 63.00-64.00. Utility & Commercial sl. cows 54.25-59.00, few 59.85; Cutters 53.50-57.60; Canner & L. Cutter 51.50-53.85, Shells down to 48.25, few Choice sl. bullocks 69.25-71.85, few Good 66.00-69.50. Yield Grade #1-2 1150-1975 lbs. 61.25-69.50.

FEEDER CATTLE: Good 325-600 lbs. heifers 77-89.

CALVES: 416. Vealers \$5-\$10 lower. Couple Prime vealers 123.00. Choice 108.00-118.00, Good 95.00-105.00; Standard & Good 90-110 lbs. 90.00-95.00; 70-90 lbs. 84.00-90.00, Utility 50-100 lbs. 60.00-80.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 90.00-129.00; Hol. Heifers 100-200 lbs. 125.00-176.00, few to 218.00.

HOGS 110. Barrows and gilts 5.00-5.50 lower. US No. 1-3 200-230 lbs. 43.00-44.00, 1 lot No. 2-3 265 lbs. 39.50, No. 2-3 450-600 lbs. 32.75-35.50; No. 1-3 350-500 lbs. 36.00-38.00, few BOARS 33.75-34.50.

FEEDER PIGS 19. Few US No. 1-3 40-50 lbs. feeder pigs 42.00-55.50 per head.

SHEEP 11. Spring sl. lambs one lot Choice 95 lbs. 75.00. One lot yearling ewes 49.00.

Western Maryland Market

Westminster, Md.

March 27, 1979

BUTCHER CATTLE - Good run, prices higher. Fat Steers - Strong demand, Top \$71.25; Good-Choice 65.00-71.25; Standard 62.00-65.00; Heifers, Top 72.00; Cows, very active, \$1.00 higher, Good Cows, to \$58.50; Standard & Utility 55.00-57.00; Canners 53.00-55.00, Shelly 53.00 Down; Bulls mostly steady; Good \$64.00-66.60.

Farm Bureau Cows sold up to \$59.75, Average 54.79.

BUTCHER HOGS: Good run, prices \$3.00 under last week. Top Hogs \$44.85; Bulk 200-225 lbs. 44.00-44.85; 230-260 lbs. 43.50-44.25; 170-190 lbs. 42.00-43.50; Heavy Weights to 40.25; Sows to 37.75, bulk 33.00-36.85.

VEAL CALVES: Good run, very active, Tops to \$116.50, Good-Choice 100.00-116.50, Standard 90.00-105.00; Light calves 80.00-100.00; Weak & Rough 79.00-Down; Farm Bulls to 118.00; Heifers to 150.00.

LAMBS: Few offered, Good & Choice to 66.00; medium to 61.00.

STOCK CATTLE: Good run, prices higher; Stock Steers \$75.00-110.00; Stock Heifers 60.00-87.50; Stock Bulls 65.00-99.00.

PIGS AND SHOATS: Good run, active bidding; By the head \$20.00-45.00, Shoats to

51.50; By the lb. 133 lb. \$49.00 55 lb. to \$97.00.

Results of Farm Bureau's Cull Cow Sale for March 27, 1979.

68 cows, Utility and Commercial \$53.00-57.50; Several High Yielding 58.00-59.75; Cutters 52.00-56.00; Canners & Low Cutters 48.00-52.00.

Belknap Auction

Dayton, Pa.
March 28, 1979

CATTLE 122. Compared with last Wednesday's market, slaughter cows \$2-\$3 lower. Few Choice slaughter steers 68.00-68.50, Good 63.50-68.00, few Standard 60.25-60.75. Choice slaughter heifers 62.00-65.25, individual 68.25, few Good 59.00-62.00, Standard 51.50-56.75. Utility and Commercial slaughter cows 52.00-58.00, few 58.00-59.25, Cutters 49.50-52.75, Canner and Low Cutters 44.00-49.50. Yield Grade No. 1 & 2, 1160-2100 lbs. slaughter bulls 60.75-68.50, individual 71.25. Good and Choice 280-540 lbs. feeder steers 73.00-86.00. Good and Choice 300-530 lbs. feeder heifers 66.50-75.00.

CALVES 143. Vealers weak to \$5 lower. Choice vealers 104.00-117.00, Good 90.50-106.00, Standard and Good 90-120 lbs. 84.00-100.00, 55-85 lbs. 64.00-84.00. Farm Calves: Holstein bulls 90-120 lbs. 88.00-115.00; Beef cross bulls & heifers 65-100 lbs. 76.50-103.00.

HOGS 474. Barrows and gilts \$7-\$8 lower. US No. 1-2 205-235 lbs. barrows and gilts 43.50-44.60, No. 1-3 200-250 lbs. 42.10-43.50, No. 2-3 200-270 lbs. 41.00-42.40, No. 1-3 150-175 lbs. 36.00-40.50. Sows \$5 lower. US No. 1-3 300-660 lbs. sows 38.00-42.00. Boars 32.00-38.50.

FEEDER PIGS 118. US No. 1-3 20-35 lbs. feeder pigs 20.00-35.00 per head, No. 1-3 35-50 lbs. 35.00-45.00 per head.

SHEEP 20. Few Mixed Good and Choice 85-100 lbs. woolled slaughter lambs 62.00-71.00, lot Good 50 lbs. spring lambs at 75.50.

Indiana Livestock Auction

Indiana, Pa.

March 29, 1979

CATTLE 134. Compared with last Thursday market, Sl. cows mostly 1-2 higher. Sl. steers 62.50-65.25; sl. heifers few Good & Choice 62.25-64.50; few Standard 55.00-56.25. Utility & Commercial sl. cows 53.50-57.50; few 58.75-60.00, Cutters 52.00-54.50; Canner & L. Cutter 46.75-52.25, few Choice sl. bullocks few Standard 52.00-58.00, few Yield Grade #1 1150-1815 lbs. 58.25-64.75.

FEEDER CATTLE: Choice & Good 310-455 lbs. steers 89.00-99.00, few 630-850 lbs. 63.00-66.00, few Good & Choice 520-585 lbs. heifers 71.00-86.00; 485-720 lbs. 56.50-58.50.

(Turn to Page 14)

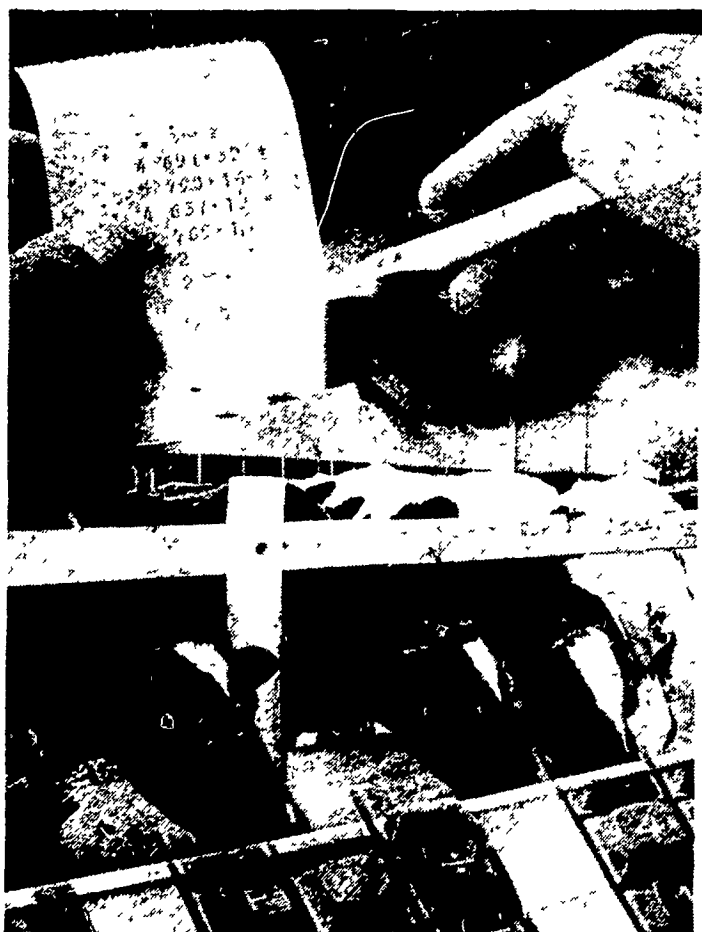


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7'	—	5.95	4.44
8'	9.53	6.79	5.07
9'	—	7.65	5.70
10'	11.91	8.45	6.34
11'	—	9.35	—
12'	14.29	10.19	7.61
14'	16.68	11.89	—
16'	19.06	—	—
18'	21.44	—	—
20'	23.82	—	—
22'	26.20	—	—

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1 PIECE RIDGE CAP	52 1/2"	4.25	—	10'	4.99
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4"x6"	—	9 ⁷²	12 ¹⁸	14 ⁴⁰	20 ⁴⁰
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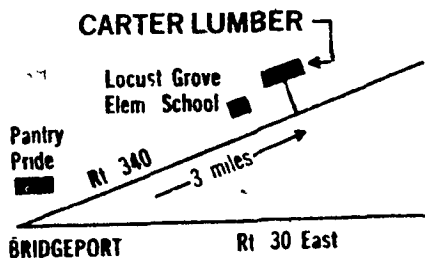
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Who really owns the American farmland?

By JERRY WEBB
NEWARK, Del. — How many foreigners own farms in this country? There's a lot of guessing on that topic going on right now. Officials are finding there isn't much solid information. For sure there's an influx of foreign money into the American countryside. How much and just where it's being spent in somewhat a mystery.

Concern is mounting in official Washington, D.C. and in the conference rooms of the many farm organizations stabled in the nation's capital. There's kind of a grass-roots feeling that the influx of foreign money into farming is bigger than most of us realize and along with that seems to be the attitude that any foreign ownership of this nation's food-producing capacity is bad. Maybe it's all right for foreigners to own hotels and

banks and factories, but there's something downright un-American about them owning our farmland.

The major farm organizations, including the American Farm Bureau Federation and the National Grange are pushing for an investigation. They want to know the extent of the problem and then they want something done about it.

To give you some idea of how unprepared our government is to deal with this problem, the General Accounting Office did a study but its results were inconclusive due to the limited data on foreign ownership currently available. Congress held a hearing on the topic and was told that public debate on foreign ownership of American farmland is dominated by rumors and sensational stories of

wealthy foreigners gobbling up U.S. farmland.

The Congressional subcommittee heard a Farm Bureau spokesman say that foreign investors remain hidden in a maze of financial devices, including trusts, partnerships, and off-shore corporations.

The General Accounting Office (GAO) study found that although 25 states have legislation restricting alien farmland ownership, it doesn't seem to work. The agency said very little hard data on foreign land ownership now exists in federal, state, or local government agencies. A spot check by GAO in 25 Counties in five states did turn up information indicating foreigners owned almost 45,000 acres or .3 per cent of the total farmland in those counties. In one County in Georgia, GAO found that

foreigners owned more than six per cent of the farmland.

The agency did recommend to Congress that it consider legislation providing for a nationwide registration system for foreign landowners similar to the alien registration system now used by the Immigration and Naturalization Service. The agency said this would place the reporting burden on the landowners and would require relatively little involvement by state and local governments.

Some action is already under way as per directives from the Congressional subcommittee. GAO is continuing its investigation seeking out land transfer data so reasonable projections of extent of foreign land ownership can be made. Extension agents in all 50 states have been asked to report any knowledge they have of farmland purchase by foreigners. The County ASCS offices are reviewing their records in an effort to identify foreign land ownership. The Department of Commerce has been asked to supply any information it has on the subject. And the Congressional Research Service of the Library of Congress has been asked to prepare an overview paper discussing constitutional, international treaty and other legal questions that would be involved in any federal or state legislation dealing with the purchase

and ownership of U.S. farmland by nonresident foreign aliens.

No doubt as the American dollar becomes worth less in foreign markets, American farmland will become a better buy to many foreign investors. Don't count on an immigration of foreign farmers as was so common in the early days of American agriculture. Those foreign buyers will probably be big-time investors who will merely own farmland and make it available to local farmers through rental arrangements or will hire local management. Most foreign investors are smart enough to know they lack the local knowledge so necessary to a successful farm business. They may have lots of money but they're short on farming experience. So they'll hire that experience or they'll make the land available to farmers who already have the experience.

To some local farmers

foreign land ownership may be a mixed blessing. For instance, a large parcel of land owned by a foreigner could be available for rent, allowing local farmers to expand without buying land. On the other hand, a foreign neighbor may be no more welcome in an agricultural community than a corporate neighbor. Traditional family farmers have resisted those big companies that occasionally want to buy large farming spreads. They'll probably be no warmer to foreign tycoons whose only interest is making money.

Don't be too surprised to see national legislation and a flurry of state activity aimed at controlling foreign ownership of farmland. Pressure is mounting and the answer is obvious—come up with a system that first measures the amount of foreign land ownership that already exists and second, control it. Otherwise, we could wake up some morning to find the Arabs own our farms.

Livestock market and auction news

Indiana Auction

(Continued from Page 12)

CALVES 120. Vealers grading Good & Choice, 2 to 5 lower, Standard & Good 3 to 8 lower, few Prime vealers 114.00-117.00, Choice 100.00-114.00; Good 90.00-106.00; 90-120 lbs. 82.00-101.00, 60-85 lbs. 60.00-82.00.

FARM CALVES: Hol. Bulls 90-120 lbs 89.00-110.00, few Hol. Heifers 85-95 lbs. 89.00-120.00, few 95-120 lbs. 140.00-195.00.

HOGS 80. Barrows and gilts mostly 7.00 lower. No. 1-4 3 215-240 lbs. 41.00-42.75, few 43.25, few No. 2-3 220-230 lbs. 39.00-41.00, few No. 1-3 170-195 lbs. 38.00-40.00. **SOWS** US No. 1-3 305-570 lbs. sows 38.00-42.00, few **BOARS** 32.50-42.00.

SHEEP 19. Woolled sl. lambs Good 75-105 lbs. 45.50-54.00, couple at 69.00.

BULLS: Yield grade 1 and 2 1000-2000 lbs. 61.00-70.00 few to 73.00.

FEEDER CATTLE: Steers choice and good 300-500 lbs. 63.00-75.00. Good and choice heifers 300-600 lbs. 65.00-86.00.

CALVES: Vealers steady to \$5 lower. Few prime 114.00-129.00, Choice 105.00-125.00, Good 85.00-110.00, Standard and good 90-120 lbs. 85.00-100.00, 70-90 lbs. 75.00-94.00. Utility 60-100 lbs. 60.00-80.00.

FARM CALVES: Holstein bulls 90-120 lbs. 95.00-129.00. Heifers 90-140 lbs. 40.00-180.00 few to 218.00.

HOGS: Barrows and gilts \$3 to \$6 lower, steady decline during the week. 1 and 2, 200-240 lbs. 43.50-48.50, 1 and 3 195-250 lbs. 41.00-47.00, 2 and 3 190-270 lbs. 39.00-45.00, 1 and 3 150-185 lbs.

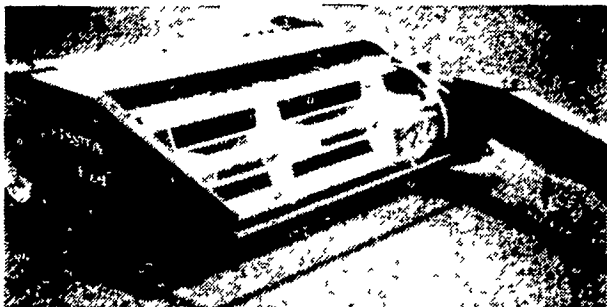
38.00-45.00. Sows \$3 to \$5 lower. 1 and 3 300-550 lbs. 35.00-42.00 few to 45.00. 2 and 3 400-650 lbs. 32.00-38.00. Boars 32.00-40.00.

FEEDER PIGS: Weak to \$10 lower. 1-3 20-35 lbs. 20.00-35.00 per head; 1-3 35-50 lbs. 35.00-50.00 per head; few 1-3 50-65 lbs. 50.00-62.00 per head. Graded feeder pigs: 6.00-15.00 lower. 1-2, 25-40 lbs. 123.00-137.00 few to 145.00. 40-50 lbs 112.00-133.00, 50-60 lbs. 94.00-115.00. 60-85 lbs. 71.00-100.00. 2-3 25-40 lbs. 116.00-136.00; 40-50 lbs. 92.00-116.00; 50-70 lbs. 69.00-88.00.

SHEEP: Spring slaughter lambs \$3-\$9 higher. Choice 30-50 lbs. 100.00-130.00, 60-100 lbs. 75.00-93.00. Woolled choice 85-120 lbs. 62.00-70.00, Good-65-110 lbs. 54.00-62.00. Slaughter ewes \$22-\$39 few down to \$12.

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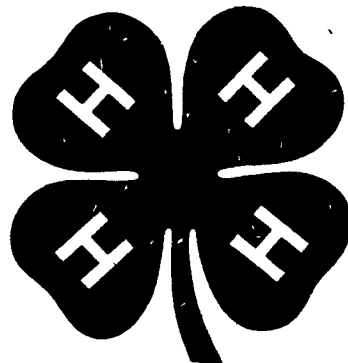
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Pa. Auction Summary

Friday, March 30
16 Livestock
Auction Markets

This week: Cattle 6689, Calves 3630, Hogs 9767, Feeder Pigs 1150, Graded Feeder Pigs 2381, Sheep 803.

Last week: Cattle 7279, Calves 3737, Hogs 8136, Feeder Pigs 948, Graded Feeder Pigs 2997, Sheep 521.

Last year: Cattle 8272, Calves 4309, Hogs 8097, Feeder Pigs 1263, Graded Feeder pigs 3062, Sheep 274.

Compared with last week, slaughter steers \$1 to \$1.50 lower, heifers and bullocks \$1.00 to \$2.00 lower. Slaughter cows steady to \$1.00 higher, slaughter bulls steady to \$2.00 lower.

SLAUGHTER STEERS: High choice and prime 71.85-75.00. Choice 69.00-75.00, Good 62.00-70.00, Standard 60.00-66.00.

SLAUGHTER HEIFERS: Choice 64.00-71.00, Good 58.00-65.00, standard 53.00-63.00.

COWS: Utility and commercial cows 53.00-59.00, cutter 51.00-56.00, Canner and low cutter 46.75-53.00.

BULLOCKS: Choice 67.00-71.00, good 64.00-69.00, few standard 53.00-65.00.

Strawberries add delight to any garden

NEWARK, Del. — There may be snow in the furrows of your backyard garden, but it's not too early to make plans for raising some of everybody's favorite fruit — strawberries.

This popular small fruit is easy to grow, says University of Delaware Extension garden specialist Dave Tatnall. Strawberries take up little space, thrive with ordinary care, have few serious pest problems, and can produce amazingly big crops — at least a pint from each original plant. They can be eaten right out of the garden, freeze well, and make delicious jam.

You can plant strawberries as soon as the ground is easily worked in early Spring. Late March through mid-April is the best time.

The best source of strawberry plants is a mail

order nursery that specializes in strawberries and other fruit, says Tatnall.

The plants are usually sold in bundles of 25 or multiples of 25. Fifty or 75 plants are usually adequate for the average family. Buy only stock certified "virus-free," cautions the specialist, and order early in order to make sure your plants arrive at the right time.

Select a sunny, well-drained location for your berry patch. It could be part of your vegetable garden. Prepare the soil as you would for any garden — spade or rototill and level the surface. When working the ground, mix in some fresh mushroom soil, compost or similar organic matter.

Then spread about three pounds (six cups) of a 5-10-10 or 5-10-5 fertilizer every 100 square feet and thoroughly rake this in.

Set the plants in rows four feet apart, with 18-24 inches between plants in the row. Make holes big enough so that the roots are not crowded. And be sure the crowns (bases) of the plants are level with the soil surface. Press the soil firmly around each plant, then give it a pint of water or liquid fertilizer.

Don't get too excited over dreams of lush berries from

your garden this Summer, though, cautions Tatnall. You should remove all the flowers this first year (except for everbearers), he explains. This encourages more vigorous plant growth, and will result in greater yield next year. Allow all runners to develop until early Fall. Keep rows about 24 inches wide, with a 24-inch clearance between them. Hoe or hand weed your strawberry plants frequently and thoroughly.

Suggested varieties include early-bearing "Earliglow," "Midland," "Fairfax," and "Redglow;" mid-season "Pocahontas," "Surecrop," "Midway," and "Redchief;" and late-bearing "Sparkle," "Delite," "Marlate" and "Redstar."

If you want a crop of berries you can harvest the first year, consider an everbearing variety such as "Ozark Beauty," or "Ourown." Or plan an outing to one of the many pick-your-own strawberry operations. Most of these are advertised in local papers as the harvest season approaches.

With proper care, next Summer your berry patch will be bursting with succulent red strawberries for your eating pleasure.

Finnsheep crosses increase crop

NEWARK, Del. — Research in the North Central states shows market lamb producers can increase profits by using breeds and systems that maximize gains from breed superiority and hybrid vigor of crossbred ewes and lambs, according to Delaware Extension livestock specialist Dr. Richard Fowler. The key to profits is found in the Finnish Landrace breed of sheep, he says. These are small, white-faced sheep that are below acceptable standards for growth rate, fleece weight, and carcass quality. However, they are very prolific and produce lamb crops of 250 to 450 per cent. The breed has a shorter gestation period than others, and will breed almost any time of the year. What's more, these sheep transmit the trait of higher fertility to their crossbred offspring.

Fowler advises use of one-half Finnsheep crosses with such breeds as Dorset, Suffolk, Targhee or Rambouillet. Commercial ewes mated with meat breed sires can reduce ewe costs per pound of market lamb by 20 to 25 per cent compared with one-half Rambouillet and domestic U.S. breed crossbred ewes. The one-half Finn-cross ewes have earlier sexual maturity and larger numbers of lambs per parturition. Lambs weigh five to six pounds less at 10 weeks weaning because there are more twins. Post weaning daily gain and carcass yield

and grade are slightly lower at the same slaughter weight compared to Rambouillet-cross ewes.

Producers should consider one-fourth or one-half Finn-crossbred ewes in order to increase lambs born per 100 ewes by 20 or 50 lambs respectively. The one-half Finn-cross has the advantage under intensive management conditions. Producers should be ready to provide supplemental milk to lambs under these conditions. Harsh management conditions favor the one-fourth Finn ewe, since she may raise as many lambs as the one-half ewe raises and she has a longer productive life.

Suffolk, Hampshire, and Oxford sire breeds differ lit-

tle in total pounds of lamb marketed at 22 or 31 weeks of age per 100 lambs born when lamb mortality is 10 to 20 per cent, says Fowler. However, Suffolks excel when mortality is below this, while Oxford offers top performance when mortality is above 20 per cent. Hampshire crosses are intermediate in both respect-

Some commercial and purebred breeders may be experiencing 150 to 180 per cent lamb crops, but most producers are far behind this level of performance. For these producers, the specialist says, a one-half Finn-cross ram mated to commercial ewes may be the answer.

Reader's Corner

"Prayer on the Q.T."

Now I sit me down in school
Where praying is against the rule.
For this great nation under God
Finds public mention of Him odd.

Any prayer a class recites
Now violates the Bill of Rights.
Any time my head I bow
Becomes a Federal matter now.

Teach us of stars or pole and equator
But make no mention of their Creator.
Tell of exports to Denmark or Sweden
But not one word of what Eve did in Eden.

The law is specific; the law is precise;
Praying out loud is no longer nice.
Praying aloud in a public hall
Upsets believers in no time at all.

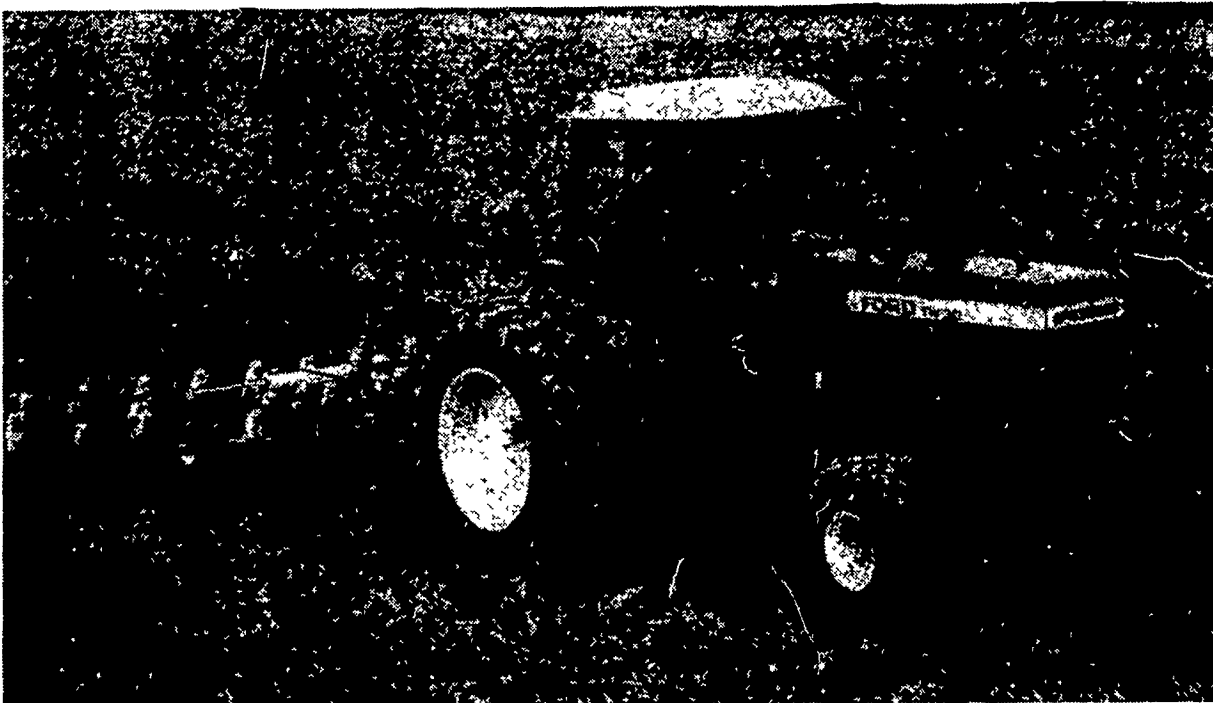
In silence alone can we meditate
And if God should get the credit, great.
This rule, however, has a gimmick in it,
You've got to be finished in less than a minute.

So all I ask is a minute of quiet
If I feel like praying, then maybe I'll try it.
If not, O Lord, this plea I make
Should I die in school, my soul You'll take.

From the Teen Challenge
Training Center, Rehrersburg, Pa.

Submitted by,
Stephen D. Locky, MD
Lancaster.

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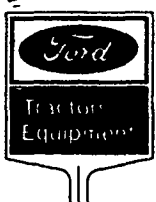


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Proper start a must for high soybean yields

NEWARK, Del. — Delmarva soybeans have a very spotty yield record. Though some growers manage to produce yields in the 38-45 bushel range fairly consistently, many farmers get much less than that, as evidenced by the Delaware average, which for years has hovered somewhere between 25-28 bushels an acre.

University of Delaware Extension crops specialist Frank Webb thinks that a lot of this variability in yield can be explained by farmers' management practices, rather than by any peculiarities of the crop.

Webb and Maryland Extension agent Bob Miller came up with some yield improving management recommendations. They shared these with about 900 farmers and farm industry representatives at the recent Delmarva Soybean Meeting in Ocean City, Md. Here's some of their advice on how to get your crop off to a good start this spring.

Regardless of the tillage method used, Webb and Miller say it's important to plant your soybeans correctly. Five factors that are critical to high yields are: good seed germination; good soil fertility; proper soil pH; proper planting depth; and proper plant populations.

Both Delaware and Maryland have seed testing services. Growers are urged to make use of these. "You need this information to establish your planting population," stresses Webb. Also, you can ensure good germination in cold, wet soil by treating your seeds with a fungicide. This way you won't lose part of your stand to disease.

Good soil fertility is also a must — especially where beans are continuously planted. Farmers who top-dress their cover crop in February or early March tend to get good yields, report Webb and Miller. Just make sure you have a good distribution of fertilizer in order to ensure uniform plant growth.

Proper liming to control or adjust for soil pH is also critical, especially on light sandy soils where too high a pH will tie up minor elements such as manganese. On the other hand, phosphorus, potash, calcium and other important nutrients can get tied up if your pH levels are too low.

The proper pH level for soybeans varies with soil type. On light sandy soils, shoot for a pH of between 5.9 and 6.2. On heavy soil, the pH should be 6.0 to 6.5. As for timing, Webb recommends

disking in lime in the Fall, when you plant your cover crop.

In order to get good stands, you also have to pay attention to your planting depth. Be sure your planter is properly adjusted, especially if your seed has low vigor.

On sandy soils Webb and Miller recommend planting seed an average of 1½ inches deep ("up to the knuckle on your index finger"). But on heavier soils if you go that low you'll never see your seed again, cautions Webb. There he recommends a 1 inch depth for good contact with soil moisture while at the same time avoiding herbicide injury.

For uniform emergence it is very important that your seeding depth be uniform. If it isn't, you're likely to have trouble with chemical applications on your first cultivation for weed control. This means making sure you have a good level seedbed, regardless of the tillage method you plan to use.

One can still find an occasional farmer who sows his soybean seed in terms of pounds per acre — but this is definitely not the way to get the most productive stand, stress Webb and Miller. More doesn't mean better, when it comes to your

soybean plants — over-crowding them can have the same effect on yield as a heavy weed infestation.

With conventional tillage, the extension specialists recommend planting for an ultimate population of eight plants per foot of row. At 90 per cent germination, this means sowing nine seeds.

Row spacing is also critical. According to Webb, the best yields in spacing trials at the University of Delaware Georgetown Substation came with the closest space — either seven inch or 14 inch rows. He says you can pick up at least a bushel — maybe four or five just by going from 38 inch to 30 inch rows. The proper population for a 30 inch row is approximately six and a half plants per foot of row (or eight seed beans with a 90 per cent germination level).

If you are no-tilling soybeans after small grains, make sure you prepare your field well in the Fall for your grain crop. Have it good and level so that the no-till planter can get those beans in properly come spring. Optimum seed depth with no-till is 1½ inch. Make sure you get good seed coverage in order to protect your beans from pre-emergence herbicides.

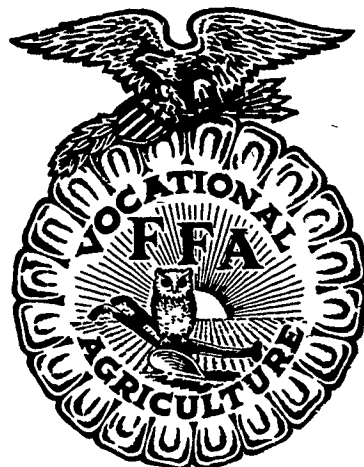
Row spacing is very important with no-till beans. Webb and Miller recommend planting 20 inch rows or less in order to get a good leaf canopy for weed control. At 20 inches you should have five plants per foot of row; at 15 inches, four plants. For optimum soybean growth in no-till your stubble height should be between eight to ten inches. This encourages beans to grow tall and raises the level of pod set for better combining with fewer harvest losses. Be sure, too, to get a good kill of existing weeds.

Success with full season drill beans depends on planting accuracy, population and weed control. For one thing, don't overplant. Seven-inch rows with two

plants per foot (or three beans per foot at 90 per cent germination) are recommended. If your beans are any closer than that, the plants will crowd each other out, just like weeds.

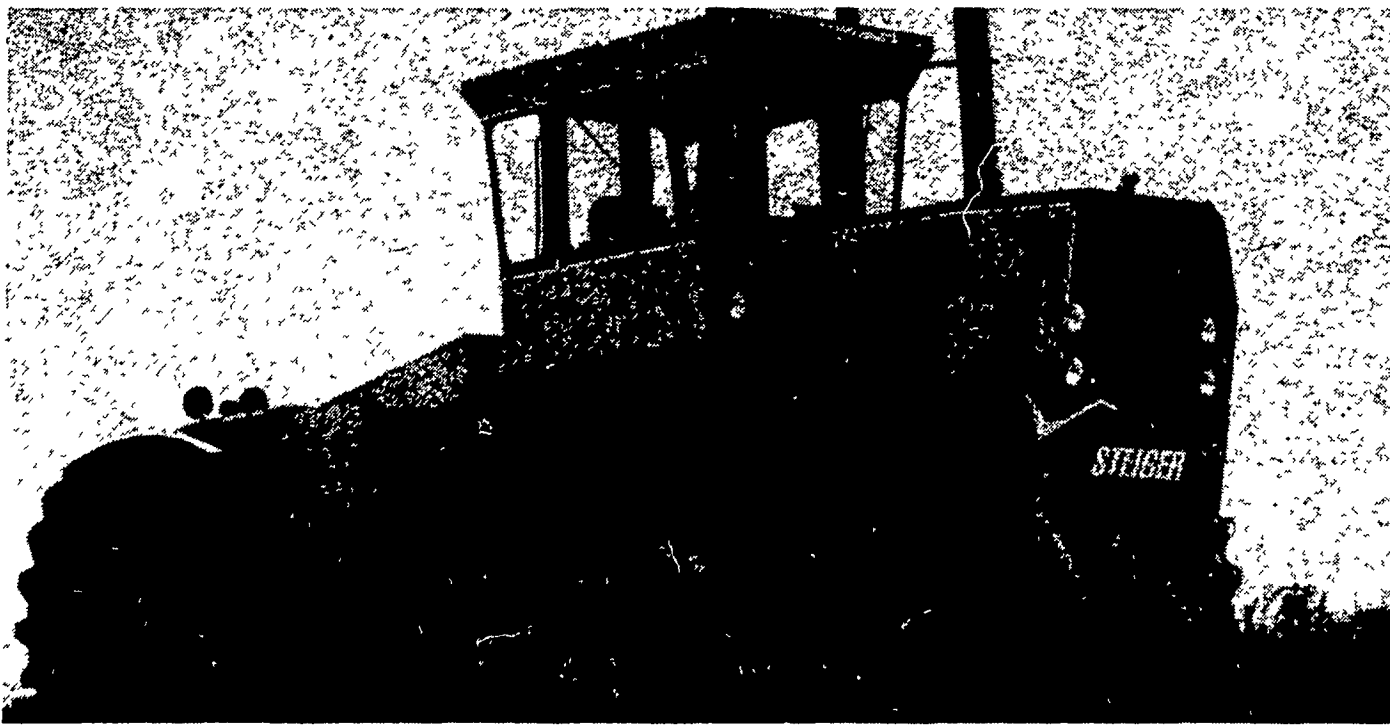
If you are planting soybeans on newly cleared ground or land that has never been used for a legume crop, Webb recommends inoculation of seed to improve plants' nitrogen-fixing capabilities. On land already being planted to soybeans, inoculation is not all that critical.

Attention to these details at planting time is the first step in making sure your soybean yields are up where they ought to be, stress Webb and Miller.



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How good are Delaware soils?

NEWARK, Del. — Though today's farmers use \$50,000 tractors instead of forked sticks, they still rely on the age-old agricultural basics—sun, water and soil.

To the average city person, soil may be just dirt, but to Delaware Extension soils specialist Leo Cotnoir, Jr. soils are complex bodies with many interrelated chemical, physical and biological properties.

Just how good are Delaware soils? According to the specialist, three soil properties are useful guides to the overall nature of the soils in the state: surface texture, drainage, and moisture-holding capacity.

The soil surface is important because it's the part of the soil in which most of the plant roots grow, and the part which farmers work and treat with lime and fertilizer. Furthermore, in

Delaware surface texture is usually a fairly good indicator of the underlying soil horizons which may be important to plant growth.

Two-thirds of Delaware soils are sandy, including almost all soils in Sussex County. New Castle County soils are primarily loam or silt loams, while Kent County, in between, is split almost equally between sandy and loamy soils.

Almost one-third of Delaware soils need artificial drainage. Poor drainage in the state is largely the result of high water tables due to low-lying topography. Most of the state's poorly drained soils can easily be drained by lowering the water table. This is largely a matter of providing outlets for field drains, which requires region-wide or watershed-wide programs.

New Castle County soils are mostly well drained, and Kent County soils are divided fairly evenly between those that are well drained and those that are poorly drained. In Sussex County, about one-third of the soils need artificial drainage, while another third are excessively drained.

Perhaps the most common limiting factor to crop production in Delaware is water. The water which is available to plants for crop growth depends on the amount of rainfall and the ability of the soil to retain water.

Delaware soils are about equally divided between those with high, medium and low moisture-holding capacity. New Castle and Kent County soils have mostly high or medium

water-holding capacity, half have medium.

Another way of looking at the state's soils is with the Land Use Capability Classification system, which had been used extensively in the United States for over 30 years. In this system, soils are rated in eight classes and three subclasses on the basis of potential hazards to land use and crop production. Class I land is suitable to all cultivated crops with few or no limitations or restrictions. Soils in Classes II to VIII have increasingly serious hazards to crop production, with Class VIII soils being unsuited for any agriculture. The subclasses indicate the nature of the hazard, such as erosion (subclass e), poor drainage (subclass w), or excessively sandy, droughty soils (subclass s).

Only nine percent of the

state's soil acreage is considered Class I, of which 11 per cent is found in New Castle County, 39 per cent in Kent County and 50 per cent in Sussex County. But fully 85 per cent of the state's acreage is in Classes I to IV and suitable for cultivation. Most of the land falls into Class II (requiring moderate limitations on use that reduce choice of plants or that require moderate conservation practices) or Class III (severe limitations on use that reduce choice of plants, require very careful management or both). Eighteen per cent of the state's soil acreage is in subclass e, 20 per cent in subclass s, and almost half in subclass w.

In general, Cotnoir says, Delaware soils are easily worked and can be used for the production of any crop for which there is a demand and an adequate financial return. From the point of view of soil fertility, all Delaware soils need lime

and fertilizer. These, however, are easily and economically applied. Furthermore, the utilization of applied fertilizers on Delaware soils is generally high.

Water is the most important factor in using Delaware soils, either too much or not enough, often on the same soils. That is, many acres of Delaware soils can't produce competitive and profitable yields of crops such as corn without additional water applied as irrigation. By the same token, many acres of Delaware soils are too poorly drained for satisfactory cropping without artificial drainage. Many of the soils which have excess water in the spring and which must be artificially drained lack adequate water in the summer and require irrigation for optimum yields.

According to Cotnoir, it's likely that the agricultural future of the state rests largely on our ability to solve the water management problem.

Water management isn't only a matter of drainage or irrigation, he says, but a total program which includes efficiency in the removal, delivery and use of water.

Sheep meeting set

LANCASTER — Dr. Clair E. Engle, Penn State Extension sheep specialists will speak on sheep management, feeding, lamb care and other related subjects on April 2, 8 p.m. at the Farm and Home Center, Lancaster.

All interested persons are welcome to attend.

Songwriters say it's "raining violets" in the springtime. According to the April Reader's Digest, other names for rain vary depending on geography. Here are a few: dam-buster (Alabama), leak-finder (Wisconsin), stump-washer (South Carolina) and tree-bender (Massachusetts).

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Component milk pricing discussed

By LAUREL SCHAEFFER
Staff Correspondent

VIRGINVILLE—The time may be arriving to update the current milk pricing policies by which farmers are now being paid, say two men who favor the idea.

This sentiment was voiced to area dairymen during a recent meeting specially conducted to explain equity or component pricing of milk. Addressing the in-

terested dairymen were Robert Dreisbach, veterinarian from Hamburg, and Calvin Covington of the American Jersey Cattle Club, Columbus, Ohio. The meeting, held March 21 at the Virginville Fire Hall, here, was intended to introduce any interested dairyman or milk processor towards component milk pricing.

Under the present milk

pricing structure the only incentive in milk production is volume with little or no regard to the quality of the product. But, as Dreisbach explained, the more solids-non-fat (SNF) in the milk, such as protein, lactose, and minerals, the more that can be produced from it, be it cheese, butter, yogurt, etc.

This statement was evidenced through a set of charts which demonstrated

that milk testing at 3.8 per cent protein will yield approximately one pound more cheese per hundredweight than milk testing 3.3 per cent protein.

"Why," asked Covington, "should a producer marketing a lower quality product be paid the same amount as a producer marketing a more valuable higher protein product?" It is the same principle as paying a farmer the same price per pound for a steer grading choice as one grading prime.

Also noted, for the fluid milk producers, were studies which consistently showed consumers prefer milk with higher solids-non-fat, of which protein makes up a significant portion.

The dairymen were also reminded how consumers have been regarding fat with a very negative attitude and have become more protein minded. "Changing the pricing policies of milk would reduce that 'fat image' and at the same time

would encourage milk producers to produce a product containing a higher level of SNF," Covington explained.

As Dreisbach remarked, if being paid for protein, farmers would hopefully pay more attention to the quality of the product they are producing. Also, he continued, by component pricing, there would be far less reason to add water to milk to increase volume, through breeding, feeding, or otherwise. "We should be producing a product consumers want," he stated, which is milk containing a higher level of SNF than found in the average milk produced today.

Alarming many of those in attendance, Dreisbach showed the area dairymen the results of tests where he took samples of milk from several retail markets and had them analyzed. The results of these tests proved that none of the eleven samples taken had eight grams of protein (3.5 per

cent) per eight ounce serving which was stated on the labels. Several of these samples also tested under the recommended fat content for whole milk of 3.25 per cent.

"There is too much milk with low test on the market," Covington said on the same note.

Fat used to represent two-thirds of the value of milk 10 years ago but today it only represents about 40 per cent of the value. A new pricing system has to be implemented to more truly reflect the real market value of the product. By pricing the components of milk there would be no incentive for adulterating the product, which in turn, the advocates feel, would cause the production of a more flavorful product.

Citing two areas where some form of component pricing has already been established, Covington outlined the following: California which went to

(Turn to Page 23)



Berks County dairy farmer-veterinarian Robert Dreisbach, left, and Calvin Covington of the American Jersey Cattle Club advocate that the farmer's milk prices be based on nutrients contained in the product.

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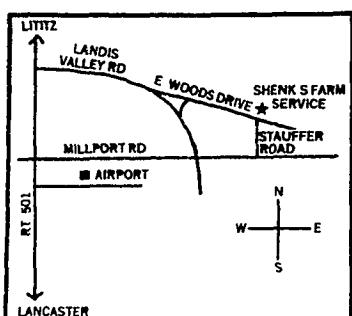
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MCMP meeting

(Continued from Page 1)

some clouds on the horizon that we should watch."

Heading Wessel's list of negative streaks in the dairy picture is the decline of Class I sales. He notes that's probably due to increasing prices. "While this has not yet been serious, it could become more noticeable, particularly if there is a general recession in this country. At this time a general recession does not seem imminent," he said.

"The darkest cloud is increased imports. There is an apparent desire of the (Carter) Administration to open the door to foreign produced dairy products. If the proposed one billion pounds of milk equivalent is imported, our market could change dramatically and rapidly," Wessel warned.

"Another cloud is substitute products," the dairy cooperative president continued. "High prices

always invite substitution. Today it is estimated that imitation cheese makes up six per cent of total cheese use and that up to 90 per cent of all frozen pizza is made from imitation cheese," Wessel said.

"And of course, the other factor is how we, as farmers, respond to these market factors in our production," Wessel continued. "During the past year, and the past few months in particular, many new members have joined MCMP," said Wessel. "We have the tools now and will do everything in the future to

keep our organization up to date to provide the best possible milk market in the 5-state area we serve," the dairy farmer-executive pledged. "I encourage you to become active in your cooperative, attend all meetings, and avail yourself to the services offered. Tell your neighbors about MCMP," Wessel challenged.

In his prepared remarks, business manager Strock said:

"Your cooperative has been doing its regular day in and day out chores marketing your milk to the best advantage." Among the

Lancaster Farming, Saturday, March 31, 1979—19

aspects of MCMP activities Strock cited were: "conducting an effective, vigorous, quality control program to assure you of a continuing market; providing hauling service in an efficient manner and at times under very difficult circumstances; providing the equipment, supplies, installation and repair services which are so helpful to you; and working constructively with other cooperatives and other farm groups and organizations in matters affecting your income - including legislation, advertising and promotion and nutritional education, taxation, and a host of others."

Touching on Holly Milk, Strock said: "... the plant will perform the job it was designed to do. On its latest test run, it processed 1.4 million pounds of whole milk into butter and non-fat dry milk in an uninterrupted 15 hour run. That's 93 per cent of rated capacity."

Earlier in the program, Wessel commented in his speech that Holly has processed 20,982,620 pounds of milk into 1,214,280 pounds of skim powder, 295,980 pounds of whole milk powder, 760,692 pounds of butter and 47,450 pounds of buttermilk.

"The acceptance of our products by the trade has been very good, which indicates the high quality of product the new plant is able to produce," Wessel added.

"The performance of the waste treatment plant has been the most uncertain part of the operation of the plant. Apparently, the operation of a waste treatment plant is not an exact science, but an art to be acquired by the operator as he becomes familiar with the individual plant and its idiosyncracies. The system will not operate properly until the milk plant is operating at full capacity and the milk plant cannot operate at full capacity until it is known that the waste treatment plant can handle the load," Wessel explained.

"Because of this and also to provide a back-up system in the event of a break-down or temporary overload which could prevent the effluent from going into the stream, the Holly Board decided to install an alternate system which could

allow the effluent to go to the South Middleton Township Municipal Waste Treatment System. The extra cost of this system will be about \$320,000. Crepaco, from which we purchased the turnkey plant, agreed to pay \$170,000 of the cost, because they too, were uncertain how the on-site plant would perform. While this represented an additional cost, the Board felt it was justified on the basis it provided a back-up. Even a short shut-down in the flush season could have cost us much more," Wessel said.

Business manager Strock added: "The operation of the waste treatment plant has been a matter of concern from day one. As a new facility, Holly must meet waste standards far more stringent than must be met by existing plants. The level of knowledge is far behind the new plant standards and the experts have literally fallen into their own sewer. Your president has apprised you for the action that has been taken to overcome this major problem - a problem that could be fully known only when the plant could be put into operation."

"The delay in getting the plant into full operation has resulted in some unplanned costs - principally labor - but there have been offsets to that cost," Strock said. Those offsets have been the realization of using Holly as a center for milk collection. While close to 21 million pounds of milk have been processed at Holly, a total of 77 million pounds have been sent through. The balance was reshipped to area cheese plants.

"Those who may have questioned our judgment as to the need for Holly Milk will get their answer when, come May, every pound of plant capacity in Laurel, Holly, and Lehigh cheese will be needed," Strock predicted.

In his predictions for 1979, Strock said "The year ahead looks promising." The prediction is based on production trends, prices, government supports, stocks held by the Commodity Credit Corporation, and a strong demand for cheese, among other factors.

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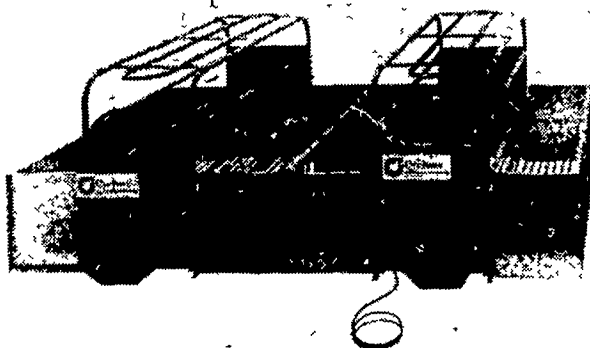
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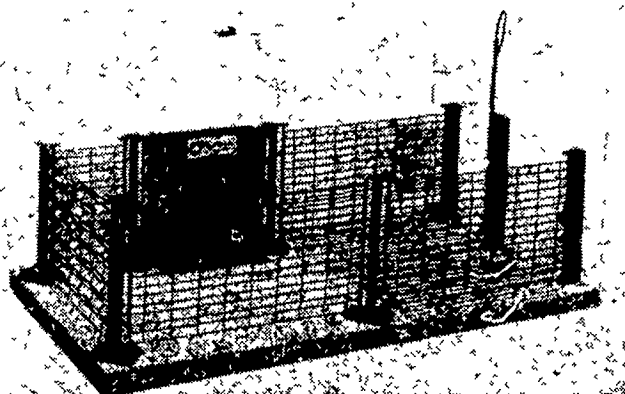


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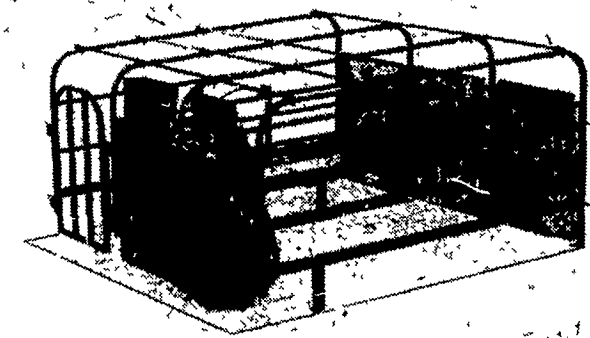
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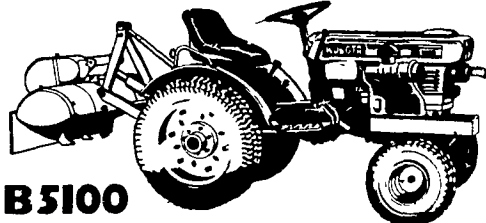
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Ladies Day Out held by Farmers Association

By LAUREL SCHAEFFER
Staff Correspondent

KUTZTOWN — Continuing in a tradition of providing excellent programs, the Berks County Farmers' Association Women's Committee held their annual Ladies Day Out, March 20th at the Kutztown Grange, here. Highlighting this year's day long affair was Reverend Charles Fair, Pastor of Alsace Lutheran Church, Reading.

"We all have problems because we are alive," stated Fair, "because we are doing something."

"We are living in an age of changing times, a time of ups and downs," he explained. Fair advised the many women present, approximately 160, that he couldn't teach anyone how to solve their problems but did have a suggestion on how to handle them.

You have to first recognize the problem, he told the farm women. "Then," he continued, "borrow a formula Jesus used to handle his problems." The formula, the speaker continued was as follows; first analysis, then organize, spiritualize, deputize, and economize. "No matter what type of problem it may be, this formula can help to handle it," he assured the listeners.

Explaining, Fair elaborated on the five steps, using a biblical story in which Jesus fed thousands of hungry people with three fish and five loaves of bread to illustrate. Jesus recognized the problem, analysed his resources, organized his disciples which he later "deputized" to help distribute the food, he

prayed to his Father, and he economized by having just enough left over to feed the disciples, leaving no waste, Fair explained.

Many times a person has to take a good look at himself to find the real root of the problem. Fair continued. In nailing down the problem you are recognizing it. Then take note of the assets and liabilities or advantages and disadvantages, he advised, this is organizing.

The Reverend continued by telling his attentive audience to pray and say Grace. "America should be more of a prayerground, not a playground," he emphasized.

Fair also told the women to distribute the chores, "We are an interrelated society," he said. "We are all in it together." And in concluding he stressed the need to economize. This included making the best use of your time as well as resources. Sometimes it's all in the way you look at things, he added, "is the glass half full or half empty?"

Also addressing the women were three high school students who have been involved in many 4-H and/or FFA activities. The students were Darlene Dietrich, daughter of Mr. and Mrs. James Dietrich, Hamburg R1; Nancy Latshaw, daughter of Mr. and Mrs. Earl Latshaw, R1 Alburdis; and David Dietrich, son of Mr. and Mrs. Clifford Dietrich, Lenhartsville R1. They briefly told how privileged they have been to be a part of the many activities and organizations they are members of.

Darlene, a member of the

Hamburg FFA for two years and 4-H for eight years, related how she has won and lost in many of the competitions she has entered.

"It's not only the winner that wins," she said of her personal experiences, "but the loser who has gained knowledge and hopes to try again."

Nancy is a senior at Brandywine High School and has been in 4-H for eight years. She is a member of

the National Honor Society and has been in the top three of her class for several years. This young lady stated that she feels growing up is best on a farm but it should also be spread to city folks that farming is not all roses. "There are always a few thorns among them," she explained.

David also said it was a privilege to grow up on a farm, to work closely with livestock, produce, and God.

"I have learned at a young age that bills need to be paid and it takes hard work to pay them," he continued.

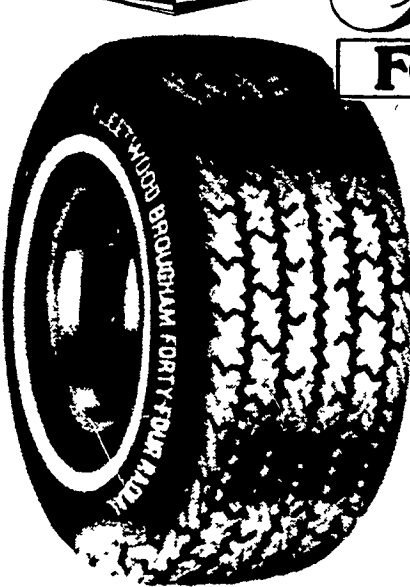
This young man, a member of the Kutztown FFA and 4-H added that he feels the major area of concern for farmers in the present should be in consumer education. "We need a more direct contact with the consumer," he stated. They need to be well informed about land use, and

regulating agriculture too much, he concluded.

Also addressing the meeting during the course of the day were, Berks County Farmers' association President Jack Kooker; PACMA representative Gene McDowell and other PFA representatives.

Entertainment for the program was Dorothy Fitterling, Mohrsville. Mrs. Fitterling did a comedy and singing act.

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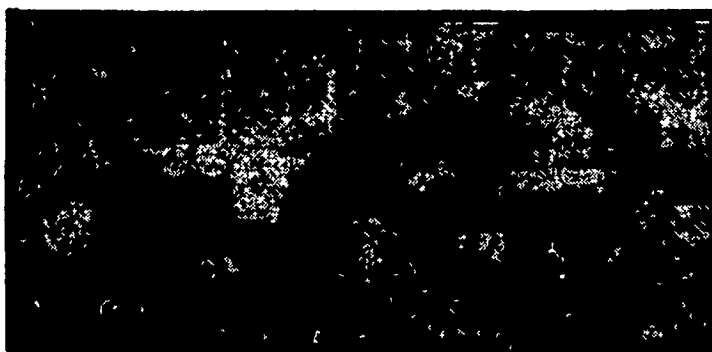
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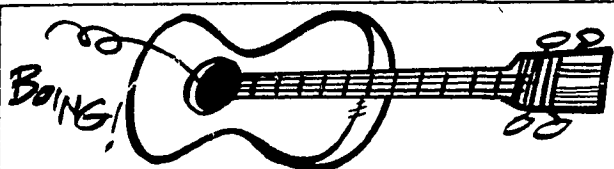
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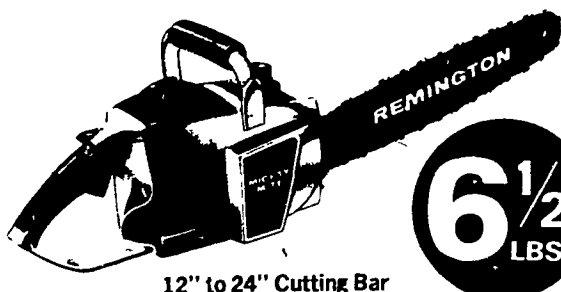
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Hallowell supports deed restriction idea

HARRISBURG — The a farmland preservation Amos Funk, who went to plan to legislators and PDA Pennsylvania Department of proposal developed in Harrisburg on Tuesday to officials. Funk, a farmer and Agriculture is supportive of Lancaster County, says introduce a deed restriction conservationist from

Millersville, is chairman of a task force which drew up the farm-saving idea. Details on the proposals and why it's needed are printed on pages 121 and 111, respectively.

Returning from the meeting with Agriculture Secretary Penrose Hallowell, his three deputies, and other farm leaders, Funk noted that his audience was "most supportive." He says Hallowell called the deed restriction plan "an ambitious project." Funk was joined at the Harrisburg session by nine other Lancaster Countians, seven of whom are members of the County's Agricultural Preservation Task Force.

Among the highlights of the meeting, says Funk, is a suggestion from Hallowell that a provision be included in the final drafted document which protects a farmer's right to farm. The idea behind the suggestion is to

not have ordinances interfere with farming.

While appreciative of the enthusiastic response he and others received in the Department of Agriculture, Funk says he is disturbed about the possibilities of getting fast, positive support from the state's farm organizations. He says that may be hard to come by without formal policy development, despite the fact that little opposition to the plan is anticipated.

Traveling with Funk from Lancaster to Harrisburg were Aaron Stauffer, Levi Fisher, Charles Conrad, Lawrence Skromme, Clifford Huffman, and William Forrey, all members of the ag preservation task force. Also going along were Lancaster County Farmers Association President Earl Newcomer, Jesse Wood of the Fulton Grange, and attorney James Thomas.

Act 319 may be amended

HARRISBURG — Efforts to protect farmland and forests could get a big lift if legislation coming before the House is approved.

Rep. Noah Wenger, sub-chairman of the House Agriculture Committee said the intent of Act 319 was to provide a preferential tax assessment for land owners so long as the use of the property continued to be agricultural, agricultural reserve or forest reserve.

"However, the courts decided that preferential tax assessment is not now available to those property owners for whom this privilege was originally intended," Wenger said.

"For example, a court ruled that in the case of a split-off where the property owner sells more than two acres of land, even though the property continued to be used for agricultural or forest purposes, neither of the owners now qualified for the preferential use tax assessment."

The Lancaster County representative is co-sponsoring legislation to return the original intent of "Clean and Green." That intent was to give financial relief to those persons who either farm their land or keep it as a backup for food production or reforestation.

"Pennsylvania's agricultural industry is worth more than \$2 billion annually. To insure the consumer a basket of food on a least cost basis, we must assure ourselves that our best food producing acres will be used to produce food," he explained.

Wenger said his measure would amend Act 319 in several areas. Among these that preferential use treatment would continue for all owners when a parcel of land is transferred in total or in part through sale as the original use is still in effect.

According to Wenger, the land use tax incentive agreement would remain in tact whenever the land is transferred through sale or inheritance, as long as the use of the land does not change.

The person owning the land at the time the tax preference use is abandoned would be liable for all roll-back taxes and penalties due on that particular tract.

"We need to have Act 319 cleaned up as soon as possible through the amendment process and I am pressing for General Assembly approval at the earliest possible time," Wenger said.

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Energy crisis solved

(Continued from Page 1)

driven engine, the idea is not exactly new. Up until this week, the man who was generally acknowledged as the top expert on the subject was Professor I.K. Hoffenpuff at Mecklenburg University, Germany. He has reportedly spent years researching the possibilities of wind-driven engines. Hoffenpuff is director of the famed Lichtenhof Jet Propulsion Laboratory.

Although Hoffenpuff has not seen the Stoltzbug invention, he will acknowledge in a telephone interview tomorrow that the machine could indeed function as its inventor claims.

According to Stoltzbug, his tractor is sensitive to very slight breezes. If a person could blow into the air intake constantly, he figures it would produce about five or six horsepower.

Because of the nature of his invention, Stoltzbug cannot park his tractor inside a barn, for the simple reason that it would be difficult to start. Outside, however, it will respond to even the slightest breeze.

Changing wind directions are no problem. The intake funnel can be rotated 285 degrees to catch the wind from most any direction. Stoltzbug figures that operating the tractor might be somewhat similar to sailing, where the seaman maneuvers ropes and booms to control the sails. One of the beauties of Stoltzbug's invention is that it could generate its own wind if forward speed is fast enough.

Although Stoltzbug's tractor has a very limited forward speed due to its iron wheels, he agrees that rubber-tired vehicles probably could go fast enough to generate their own wind. He says he will leave this for others to prove.

Stoltzbug and energy experts agree that the wind-driven motor has endless

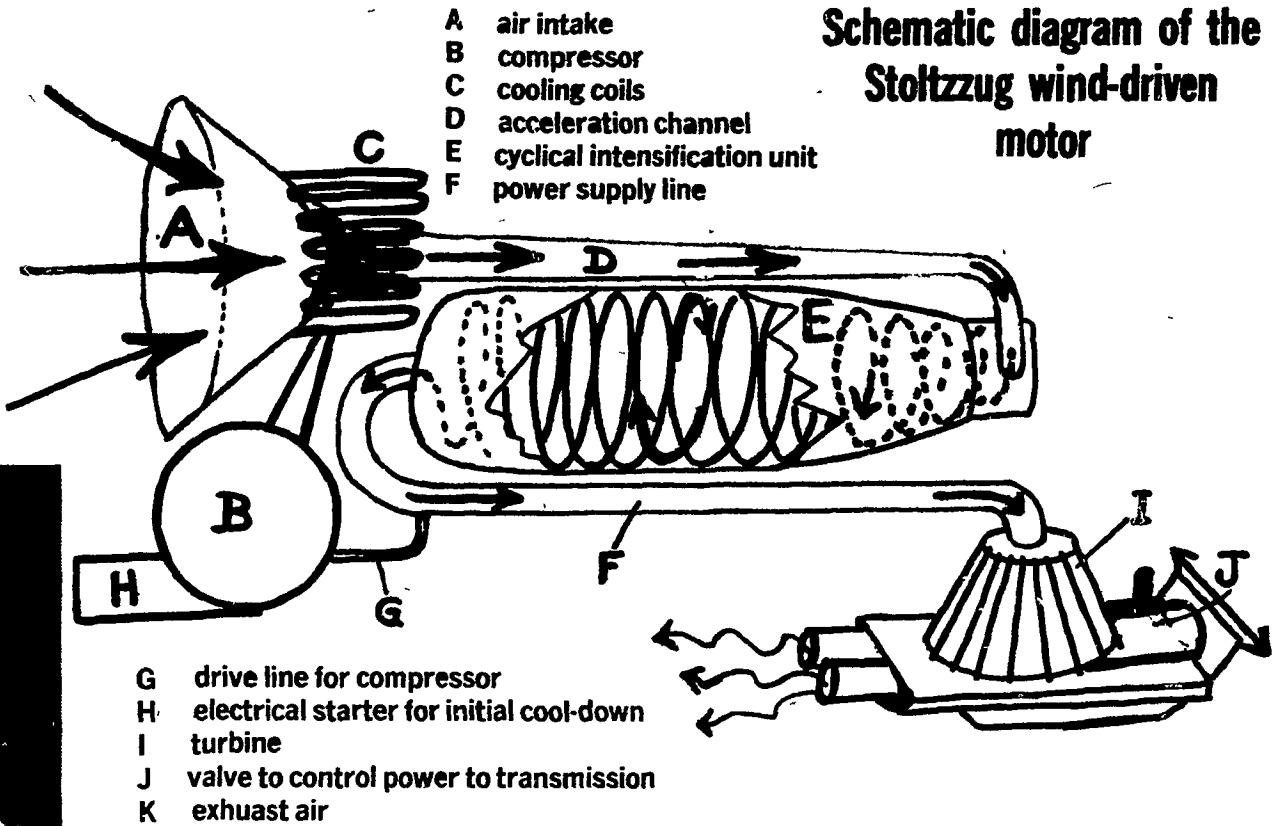


Professor
I.K. Hoffenpuff

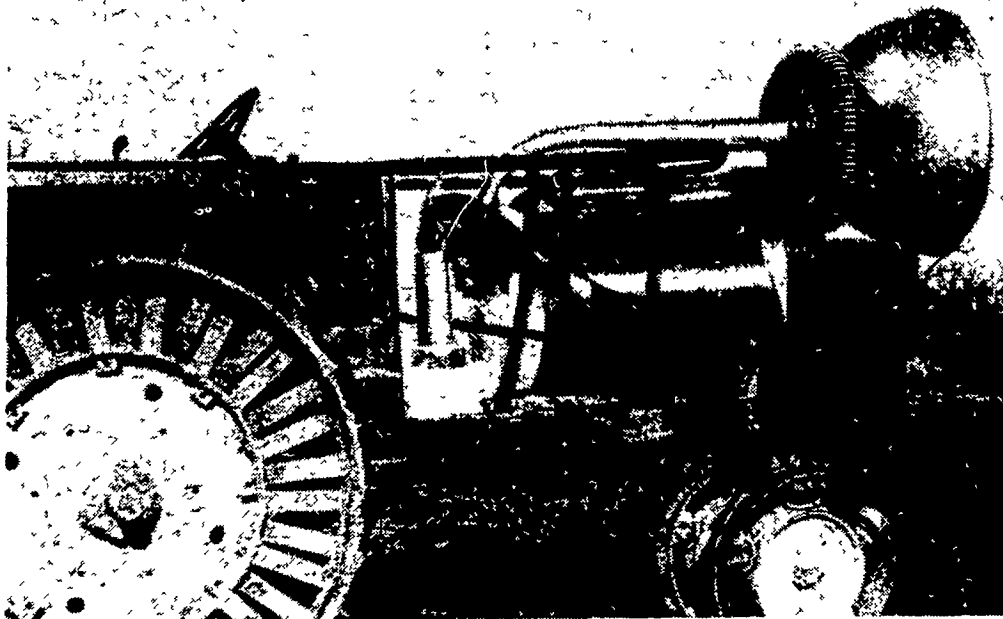
possibilities. Indeed, the device might well be America's answer to the oil sheiks.

Because of the magnitude of his invention, Stoltzbug expects to have a lot of inquiries about the wind-driven engine. He is thankful he doesn't have a phone, figuring that it would probably never stop ringing.

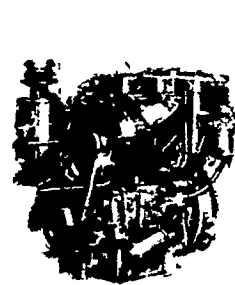
The Amish inventor said he intended to register his invention with the U.S. Patent Office tomorrow, Sunday, April 1, but added he might not bother to do that since the office will probably be closed on April Fool's Day.



Schematic diagram of the
Stoltzbug wind-driven
motor



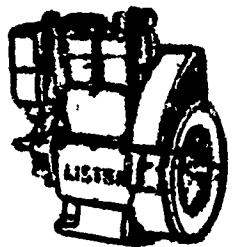
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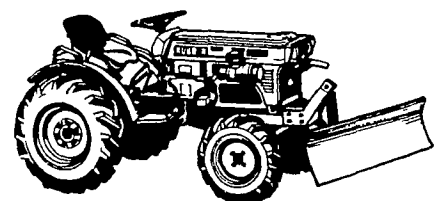
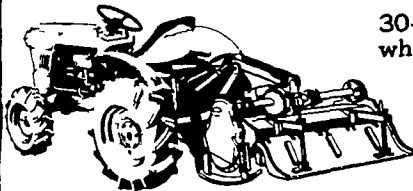
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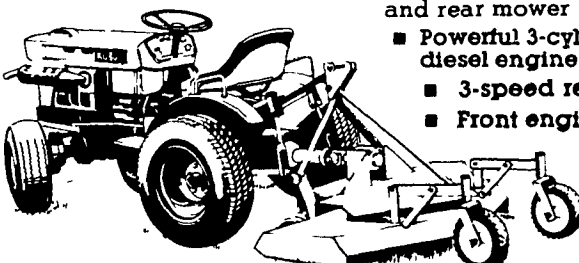
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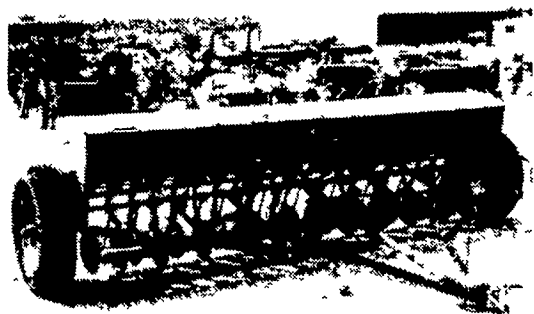
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Milk pricing

(Continued from Page 18)

component pricing of milk in 1962 was the only area in the United States which increased in per capita milk consumption (5 per cent) during the 1970 to 1977 period while the rest of the country per capita milk consumption decreased by 3 per cent.

Covington quickly recognized, however, that component pricing couldn't explain the entire situation leading to the rise in California but stated that it was part of the reason. It has also helped to open doors for generic promotion and led to an increase in the quality of that state's dairy products.

Also using a form of component pricing is the Mississippi Valley Milk Producers Association. Here milk is still priced on volume with a butterfat differential but a premium is also paid for every point (.1 per cent) above 3.2 per cent protein in the milk.

This policy has helped to improve the flavor of the bottled products of this cooperative and has reduced the amount of added water found in their milk. Covington noted that this pricing policy also resulted in higher yields of manufactured products derived from milk, and has made an incentive for farmers to try to produce a higher quality product.

These advocates are hopeful that component pricing will not only instill a more fair pricing system but will also generate an increased sales of fluid milk and in turn increase prices paid to farmers.

It was also noted that fat and protein levels vary between breeds, and within breeds. On the whole, the dairymen learned, fat and protein levels vary widely between herds and cows within a herd as well. One cow may be high in fat and low in protein while another may produce milk which is low in fat and higher in protein. But on the average as the level of one component increases in a large

population, the other components should also rise.

Today there are economical, reliable, and standardized tests available for both SNF and protein. This has been one of the major drawbacks to component milk pricing in the past when butterfat was the only standard test which could be relied on. But, explained Covington, the times have changed as did the market and the technology is available today to test for other components.

There are many ways in which component milk pricing can be implemented. The system favored by the advocates for equity in milk pricing addressing the meeting, is to keep the present system but to offer a premium for milk testing above a certain predetermined per cent protein and a deduction for milk falling below the recommended level.

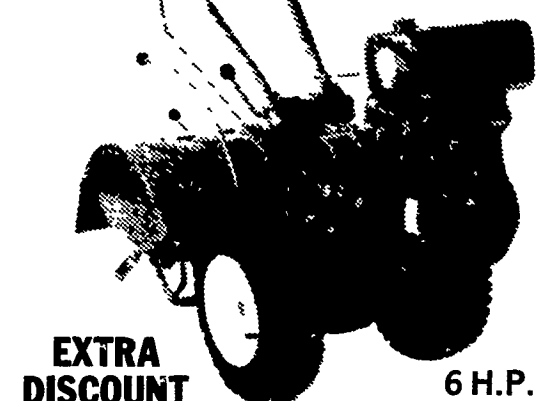
This system, they advised, would not hurt most dairymen, but would give them what they more fairly deserve. Producers falling below the required level would have to work to improve the quality of their milk.

Pricing milk on the protein level instead of the solids-non-fat level was recommended for several reasons. To begin, using SNF would still draw attention to the word fat which has a negative image to consumers but protein seems to have a "magic touch" in the consumer mind. Testing for protein is also more economical and the results have proved to be more accurate. Also, the dairymen learned, the level of protein may vary in the solids-non-fat so would not be an accurate indicator of the protein level anyway.

Dreisbach told his fellow dairymen that DHIA and several dairies have the facilities to test protein in milk samples if they are interested in how their own herds test.

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Conrad Weiser FFA banquet held

By LAUREL SCHAEFFER
Staff Correspondent

ROBESONIA -- Involvement and the ability to recognize opportunities are the keys to success. This was the message given to members of the Conrad Weiser FFA Chapter and guests, during their annual FFA and Adult Farmer Banquet, held March 15 at the Conrad Weiser High School, here.

Echoing these philosophies were three distinguished FFA officers who have proven through their experiences, that the keys to success do hold to be true. Addressing the audience were: Daniel Witwer, Eastern Regional Vice-President, East Earl; Dolores Schrum, South Central Regional Vice-president, Red Lion; and Jeff Rudd, National Eastern Region FFA vice-president, hailing from Yanceyville, North Carolina.

Witwer reminded the local FFA members of the many contests and opportunities available to them through the FFA. "Recognizing them and becoming involved is the secret to success," he told his audience. Witwer also told the FFA members present that leadership is also an important component to success. "Committeemen are very important members of leadership," he continued, "this is a democratic organization and a committeeman can be as good a leader as an officer."

Delores Schrum reflected on success and recited a poem which she uses for her own motivation. It went as follows:

Good, Better, Best,
Never let it rest,
'til your good is better,
And your better, best.

Jeff Rudd told the large group that he was attending the banquet because he took advantage of opportunities available to him. "Dream dreams and set goals," he said. You have to pay the price to make it happen, but the tools are available. "You may have all of the

ability in the world," he continued, "but it isn't worth a dime if you don't develop it." "Grab for opportunities," Rudd concluded, "They won't grab you."

Highlighting the special occasion was the presentation of awards to many of the Chapter's outstanding members. Receiving the coveted Star Chapter Greenhand and Star Chapter Farmer awards were Steve Latshaw and David Schaeffer, in that order. Schaeffer was also honored with a Foundation award for agricultural proficiency and agriculture mechanics.

The Chapter Scholarship Medal went to Ernest Gelsinger, Chapter president, who also received the Chapter Leadership Medal. Donald Feeg, Chapter secretary, was honored in receiving the DeKalb Award, given to the Chapter's outstanding senior. Feeg was also the recipient of Foundation Medals in crop and dairy production.

Other Foundation Medals were awarded to: Leon Stauffer-agricultural sales and service; Sue Gromis-floriculture; Todd Long-ornamental horticulture and poultry production; Norman Ohlinger-placement in agricultural production; Mark Wolfskill-public speaking, and Henry Noss-swine production.

Cited for their achievements in the project book contest were: Troy Tranquillo, Mark Garber, Tim Deamer, Kevin Zimmerman, Henry Noss, Norman Ohlinger, Walter Snyder, Russ Eckert, Don Feeg, Todd Long, and Walter Wenrick.

Salesmanship awards were presented to Henry Noss, Tim Deamer, and Doug Glass for cider, and David Schaeffer, Ernest Gelsinger, and Tim Deamer for citrus.

Honorary Chapter Farmer Degrees were presented to Charles Kissling, local

(Turn to Page 26)



Awards were presented to, left to right, Steve Latshaw, Wernersville, Star Greenhand; Donald Feeg, Womelsdorf, DeKalb Award winner; Ernest

Gelsinger, Robesonia, scholarship award; and David Schaeffer, Reading R6, Star Chapter Farmer.

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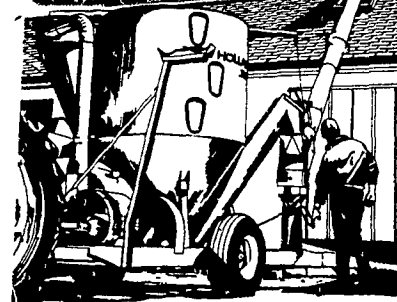
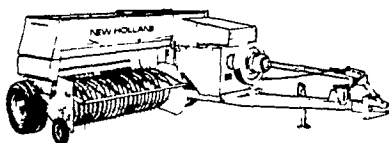
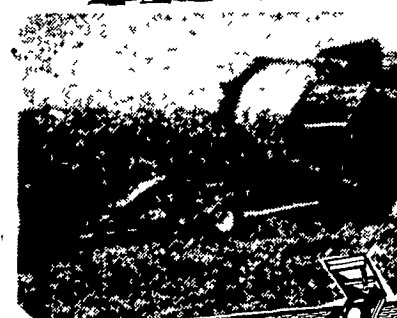
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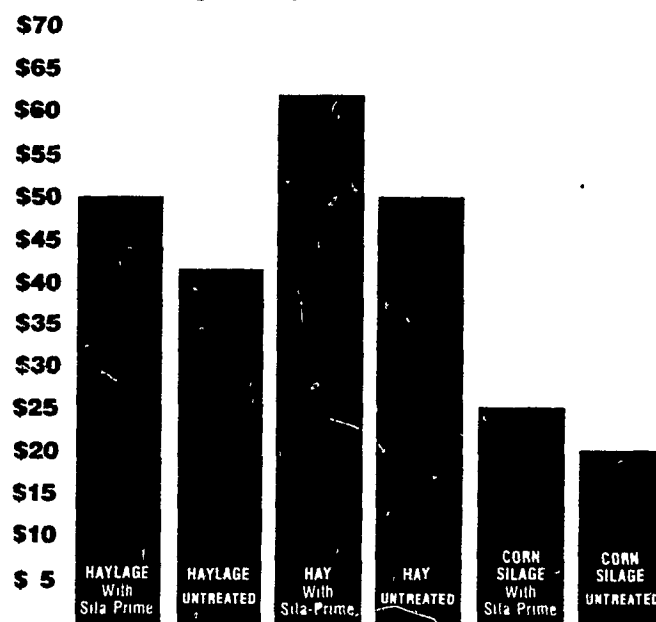
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Forest stands improved with pelleted herbicide

UNIVERSITY PARK - Soil-applied herbicides are a safe, versatile, and easily applied method of killing "weed" trees in forests, experiments at Penn State indicate.

One such pelleted herbicide, known as Spike, enabled one year-old Japanese larch to grow about two and one-half feet per year without damaging the larch while killing unwanted species such as white oak and hickory. The findings were reported January 4 during annual meetings of

the Northeastern Weed Science Society in Boston, Mass.

Dr. Robert D. Shipman, professor of forest ecology at Penn State, said the killing of "weed" tree species and undesirable woody plants increased directly with the increased number of pellets applied. He described Japanese larch as highly suited to planting on herbicide-treated sites due to rapid growth and quality for the wood pulp industry - plus resistance to deer damage and weed killer.

Shipman and associates found that the height and diameter growth of Japanese larch nearly doubled when two 10 gram pellets of Spike were used in a 12 by 12 foot grid pattern, compared with grids using only one 10 gram pellet in the same pattern. The results were confirmed over three growing seasons.

"Herbicide removal of competing tall oaks and shrubs provides excellent light and moisture for the larch, thus accounting for the rapid increase in height," he stated.

He said the larch achieved

their growth with no observable damage from the herbicide, even when using the double rate of two 10 gram pellets per spot in the 12 by 12 foot grids. Spike has the generic name of tebuthiuron. The 10 gram pellets are roughly the length of a human thumb and half that thickness.

Prior studies have shown that Japanese larch are not significantly reduced in height or diameter growth in spite of annual browsing by white-tailed deer. The species is essentially "deer proof," Dr. Shipman affirmed, following several years of studies with the

Agricultural Experiment Station at Penn State.

He believes such herbicides - in pelleted, beaded, or granular form - are especially useful for owners of small woodlots because of their low cost for application equipment and minimum labor. In applying, the pellets were crushed underfoot and then were covered with a thin layer of soil. They were spread about one month after the year-old Japanese larch were planted.

"Although costs are currently high, costs for 'dry' herbicides may gradually become more

comparable to costs for liquid herbicides, since the latter use costly oil or other petroleum products as carriers," he said.

And he indicated pelleted herbicides are especially useful in areas inaccessible to heavy equipment, and are applied easily with air craft.

Once killed, the competing oaks and shrubs can be cut and utilized as pulpwood or fuelwood. With the current interest in wood as an energy source, use of low quality trees offers the woodlot owner an economic incentive to create a more valuable and diversified forest, Shipman concluded.

Warranties are now easier to understand

NORRISTOWN - Warranties have come a long way in recent years, says Penn State University Extension specialists. Fine print and confusing language are a thing of the past. Warranties not only have to specify whether they are full or limited; they must clearly describe components covered and not covered. The duration of the warranty must be stated, along with a clear description of what the manufacturer will and will not do if a product turns out to be defective.

Another provision is a detailed explanation of what the consumer must do to get the warranty honored.

Unfortunately, Extension specialists say many consumers don't think about the warranty until they have a problem with the product. Then comes a hectic and often unsuccessful hunt for the warranty certificate. To complicate matters further, many manufacturers require proof of date of purchase, such as a sales slip.

Filing all warranty certificates along with the appropriate sales slip would eliminate much of this confusion. A simple file folder, a section of a drawer, or even an old box would suffice.

Conrad Weiser

(Continued from Page 24)

dairyman, Hershey Myer, artificial inseminator for Sire Power, and to Mr. and Mrs. Roland Feeg, local dairy farmers and parents of Donald Feeg, a Keystone Farmer Degree recipient this year. All three gentlemen are also members of

the agricultural advisory committee.

Tim Kissling, president of the Conrad Weiser Young Farmers, presented awards to several Young Farmer members. Receiving a special award for being named the Region Outstanding Young Farmer was Harvey Krill, of Bernville R1.

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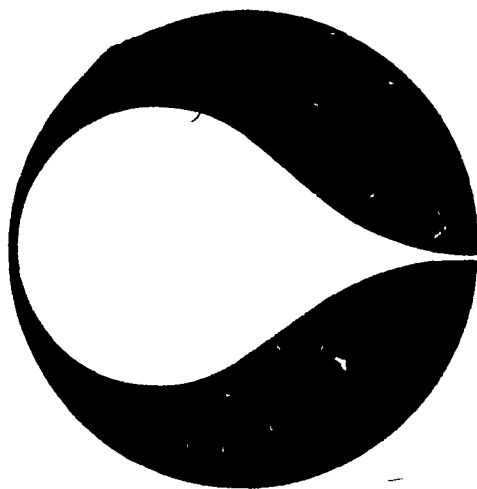
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CLIP FOR FUTURE REFERENCE

Eastern appoints Zorn as comptroller

SYRACUSE, N.Y. - Howard McDonald, general manager of Eastern Milk Producers Cooperative recently announced that J. Robert Zorn has been named comptroller of the Syracuse, N.Y. based dairy operation. Zorn, a native of Pennsylvania, has worked in cooperative circles for the past fifteen years.

Zorn has held several key positions with Maryland and

Virginia Milk Producers Cooperative, Northeast Dairy Cooperative, Cooperative Marketing Agency and Dairy Lea Cooperative. He came to Eastern earlier this year from Dairy Lea in Pearl River, N.Y. where he was officer manager for their Oneida, N.Y. plant.

A University of Baltimore graduate from the Baltimore College of Commerce, Zorn

has been involved in nearly all aspects of accounting and auditing on the management level within the dairy industry.

McDonald stated the Zorn's expertise in milk accounting and data processing functions will provide the Association with the second-level financial management necessary to meet the challenges of ef-

ficient and profitable milk marketing in the future.

As comptroller for the 6000-member Eastern Milk Producers Cooperative, Zorn will be responsible for preparation and analysis of financial statements, implementation and continual review of the cost accounting system for Eastern's manufacturing plants, and assistance in developing additional data processing

applications. He will report directly to Herbert Dorn, Eastern's financial manager.

Currently residing in Sherrill, N.Y., Zorn is married and the father of

three children. He and his wife are well-known in square dance circles throughout central New York where they have participated in Modern Western Square and Round Dance programs.



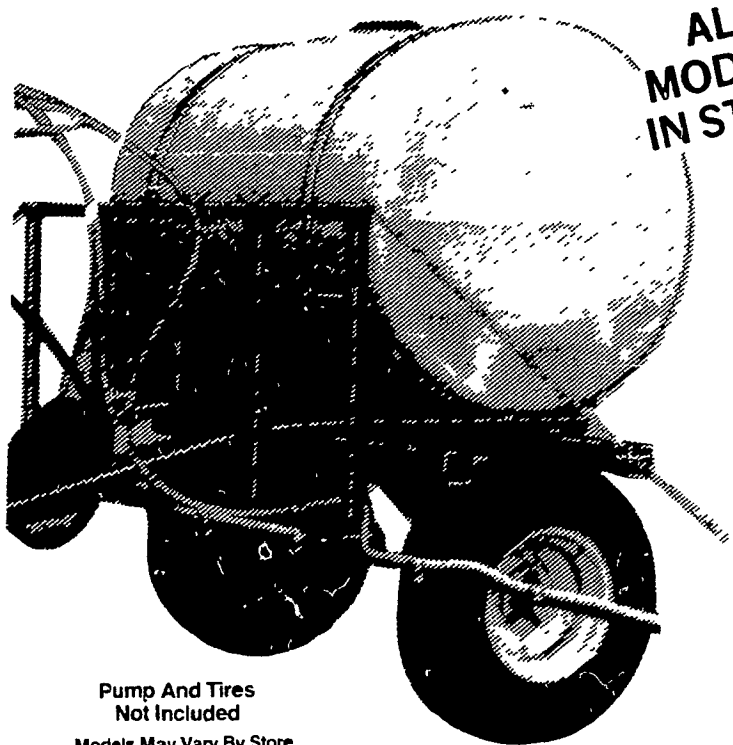
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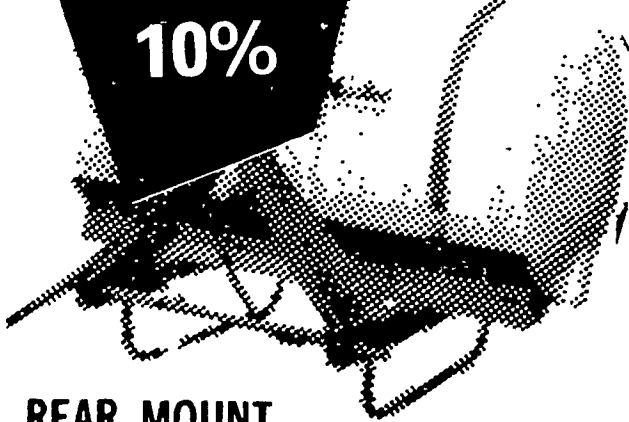
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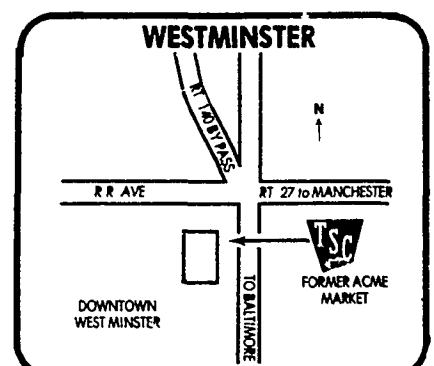
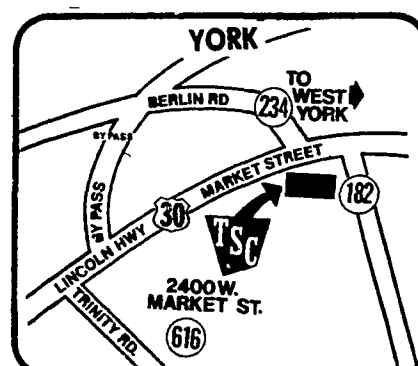
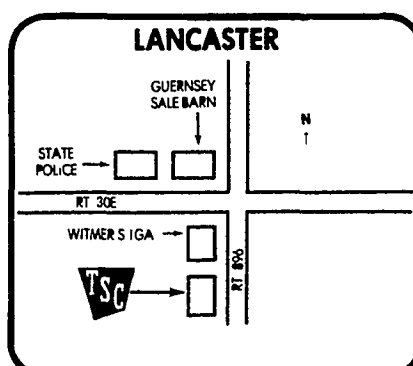
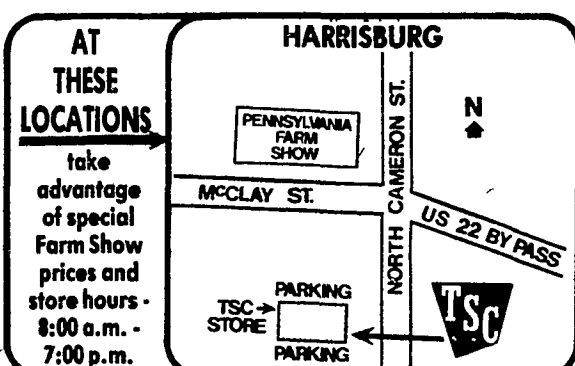
200 Gallon 3 Pt. Sprayer

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Forest tree planting cost-sharing available

HARRISBURG - Cost-sharing funds are available for forest tree planting in the spring of 1979, according to the Agricultural Stabilization and Conservation Committee.

The Forestry Incentives program, administered by ASCS, provides cost-sharing at approximately 80 per cent of the cost to eligible landowners. Eligible participants are forest landowners who have not more than 500 acres of eligible forest land. The minimum size tract for planting is 1 acre with at least five acres of land to be managed for forestry purposes.

Sawmill owners and other wood processors are not eligible for Forestry incentives Program. However, forest landowners who do not

qualify for FIP cost-sharing may be eligible for tree planting or timberland improvement practices under the provisions of the Agriculture Conservation Program also available through ASCS.

The Forestry Incentives Program was authorized in 1973 to encourage private forest landowners to increase production of quality

sawtimber. Current timber usage indicates that demand for quality timber will exceed supplies in 30 years unless increased planting and improved management of forests is practiced on public and private forest land. Federal funds have been provided to assist owners in meeting this anticipated demand.

Interested persons should contact their county ASCS Office as soon as possible if planting is contemplated for 1979.



MCMP meeting

(Continued from Page 19)

Strock described 1978 as a year that was "better than most of us could have expected."

"We went into 1978 without unduly heavy stocks of dairy products but sales of both fluid milk and manufactured dairy products were sluggish and production gains were such that, if continued, could drown us in our own juice," Strock explained. But those production gains didn't continue."

Citing low beef production levels and very favorable prices for cull cows, Strock reviewed how a bleak production picture was turned into positive reality. However, he noted, that 20,000 dairymen discontinued producing milk in 1978. "In Maryland alone, 400 dairy operations disappeared," he said.

With milk prices closing at \$11.89 per hundredweight in December of 1978, Strock feels it was "perhaps one of

the best years ever for dairymen in this area and throughout the country. Best of all, the returns came from competitive prices in the marketplace rather than from extensive government purchases," he added.

"Based on milk price levels that are almost assured for 1979 and the continued stability of feed prices at levels somewhat higher than a year ago, milk production in the United States is expected to increase about one per cent. Lower harvest forecasts as the season develops might reduce the expected increase while favorable harvest prospects might push the increase in milk production by two per cent," the business manager predicted.

Strock also foresees beef prices as remaining strong, but says that a high number of replacement heifers will moderate losses from heavy culling.

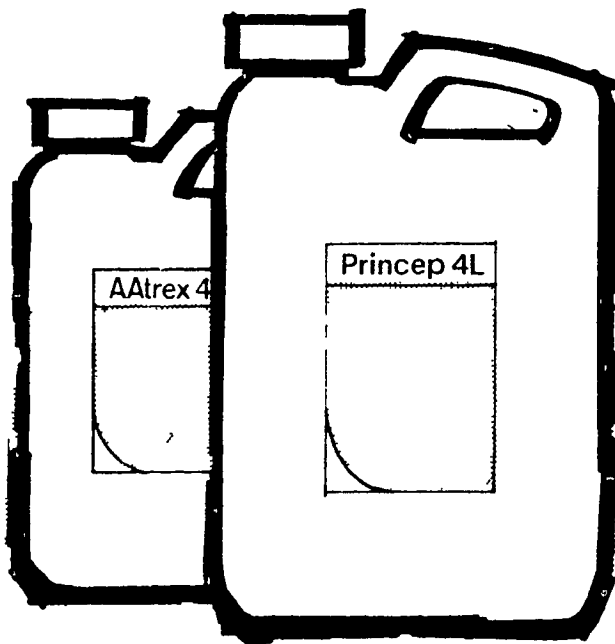


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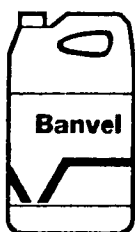
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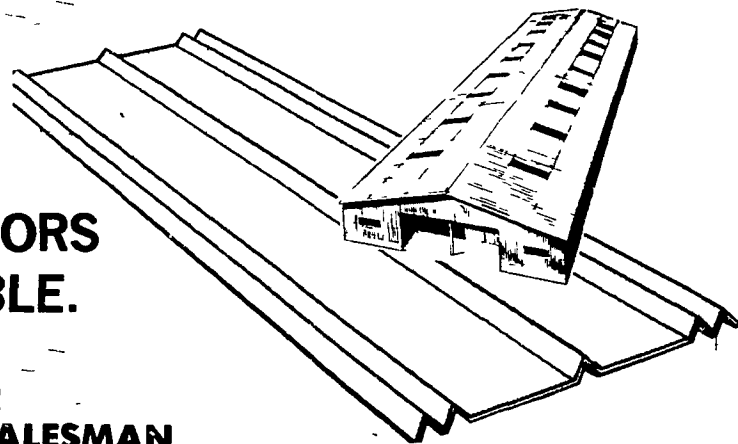
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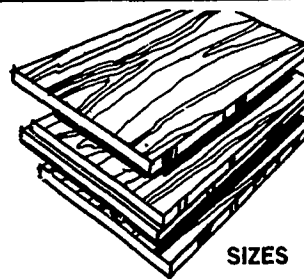


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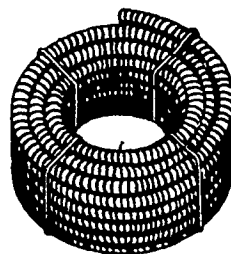
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Standby power equipment can save aggravation

NEWARK, Del. - Those who experienced power outages during the past Winter's storms know how essential electricity is to modern farm operations and comfortable family living. Milk coolers, water pumps,

household appliances and other vital equipment require continuous electric power service.

In the event of a power failure, standby power—power provided by your own generator—can keep elec-

trical equipment functioning and avert inconvenience and possible financial loss, points out Tom Williams, Extension agricultural engineer at the University of Delaware.

Two types of standby

power units are generally available, he says. Tractor-driven generators and self-contained power plants. Both require installation of a transfer switch between the electric meter and the service entrance.

The tractor-driven generator is usually permanently installed at a planned location near the farm service entrance and meter. It can, however, be mounted on a special trailer to facilitate moving it to isolated locations for occasional special use.

The tractor-driven generator costs much less than a self-contained unit, and the tractor used for operation is usually available for emergency duty. However, the time lapse in moving the tractor into position, connecting the generator and starting the unit may be significant.

Self-contained power plants consist of a generator and engine connected to function as a single unit. These are available as fully automatic systems that start instantly when power fails or

as manually operated systems.

Self-contained units cost two or three times as much as a tractor-driven generator, says Williams. And the unit is permanently installed. Automatic units require the services of a competent electrician in case of trouble and may fail to start because of moisture condensation from infrequent use.

In selecting a standby power system for farm, home or business, determine the most economical and efficient unit for present and future needs.

Automatic units must have enough capacity to handle the maximum possible load on the wiring system. If the unit is manually controlled, it should serve only essential functions and must have the capacity to carry all simultaneously operating equipment.

Tractors for powering emergency generators must have a pto rating of at least two horsepower for each kilowatt output of the generator.

Finally, the electrical characteristics of the generator must match those of the load to be served.

Installation of standby equipment and wiring should be in accordance with the National Electrical Code, local ordinances and the requirements of your power supplier, says Williams. Inspection by your power company's representative and a local electrical inspector may also be useful.

Each manufacturer provides complete instructions for installing, operating and maintaining of his units, he adds. So read this material carefully and keep manuals where they can be found readily. Unless equipment is properly installed and maintained, it may be useless in an emergency.

For additional information on standby power, ask for the bulletin "Standby Equipment for Electric Power Interruptions" write to the Mailing Room, Agricultural Hall, University of Delaware, Newark, Del. 19711.

Maryland has grape shortage

ANNAPOLIS, Md. - Richard Parsons of the Maryland Department of Agriculture says that the state's seven wineries have asked for help in lining up more grape producers.

"There is money to be made in grape production here in Maryland, no doubt about it," says Parsons.

Two decades or so ago, commercial wine production was almost unknown in the state. Now there are wineries in operation in Baltimore, Carroll,

Frederick, Montgomery and Washington Counties.

"It is surprising to learn that wine grapes are now being grown in 19 of the 23 counties and, while our production although tiny compared with California or New York, is something on the order of 25,000 gallons per year. The potential is great.

"Wineries want to buy in ton lots, which represents about one-third of an acre's production," Parsons continued. "Already we have 83 known growers of

wine-type grapes, 38 of which are classified as commercial growers having 125 or more vines in production.

"Maryland wineries are seeking grapes of the American cultivars, French hybrids and of the 'Vinifer' types.

"Perhaps the most interesting aspect of our wineries seeking more growers is that it marks a maturity state in the growth of Maryland's wine industry," Parsons noted. "The wineries have now developed the skill needed for quality wine production, experimented with the types of grapes suitable for this region and, perhaps more importantly, have developed a market for their product and consumer acceptance of the product. Now, they want to produce to meet the market they believe exists.

"Grape growing presents a welcome new agricultural bonus for the state. One does not need prime farmland to grow good grapes. Hillsides and other small pieces of land are in many cases ideal for grape production. Grape production lends itself to small operators and people with a strong desire to produce a crop in which they can take personal pride and pains to produce," Mr. Parsons concluded.

Prospective growers who wish to contact the Maryland wineries may request a list by writing to: Division of Marketing, Maryland Department of Agriculture, Parole Plaza Office Building, Annapolis, Maryland, 21401.

Bots Control needed for horses

NEWARK, Del. - Delaware horse owners should be on the alert for early signs of bots in their animals, according to Dr. C. Melvin Reitnour, associate professor and equine specialist at the University of Delaware.

Hard, yellowish specks on a horse's legs, chest and neck indicate the animal is infected with bots, he explains. The small specks, often resembling grass seed, are eggs of the bot fly. When a horse licks or bites the eggs, the bots gain access to the animal's mouth. Once inside the mouth, bots are passed into the stomach where they attach to the walls of the digestive tract.

By late Winter the bots develop into thimble-size grubs, and it's at this stage that bots cause serious damage to the walls of a horse's stomach, says Reitnour. Severe infestations will interfere with the digestion and passage of food, and may cause recurrent colic or even death.

To control bots in horses, Reitnour suggests the following practices:

In the late Fall or Winter -

at least one month after the first killing frost - administer an anthelmintic according to the manufacturer's recommendations. Several products are on the market that can be easily administered, but if the bot infestation is severe, one should consult his veterinarian.

One should thirty days before treating the horse with an anthelmintic, destroy the eggs of bot flies that cling to the animal's body. This can be done by scrubbing the horse with warm water that has been heated to 120 degrees Fahrenheit or by clipping the hair. Hair on the insides of the knees and the fetlocks should be carefully checked for flies.

Prevention of reinfection is best assured through community campaigns in which all horses in the area are tested.



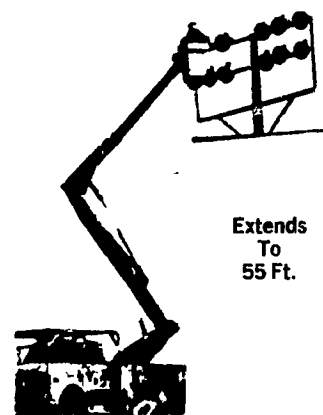
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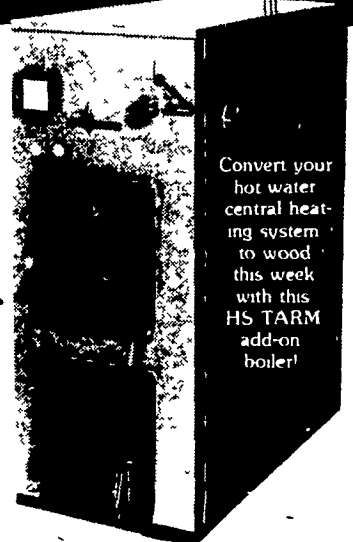
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The grand ballroom of the Penn-Harris Motor Inn, Harrisburg, was this year's site of the annual

meeting of Lehigh Valley Cooperative Farmers.

LeHi

(Continued from Page 1)

The cooperative's business has two major segments — the dairy division and the manufactured products division. The dairy division processes fluid milk for daily consumption throughout the area. Its two plants in Lansdale and Schuylkill Haven operated on a profitable basis.

The manufactured products division, which lost money in 1978, produces cheddar cheese, ice cream, and cultured products like cottage cheese, sour cream, and yogurt. The loss in this division was attributed to competitive pressures and

inadequate margins in its ice cream operations.

During the meeting it was announced that the company will spend a million dollars this year to purchase new trucks and trailers and upgrade the distribution fleet which consists of 280 vehicles.

Chairman Ruth ended the meeting by describing the cooperatives search for new products, new packaging, new methods of distribution and new ideas. "All these things are falling into place", he said. "We have good cause for op-

timism...we look forward to a great year ahead."

Some highlights of the individual presentations follow:

Lehigh has the capacity to handle approximately 20 per cent of the milk produced in Pennsylvania, says Vice President of Member Relations John C. York.

He described LeHi as the only complete dairy cooperative in Pennsylvania. The milk produced by the members is handled, processed and marketed directly to consumers by LeHi throughout the Northeast.

....The average shipper to Lehigh will have a membership deduction of 15 cents per hundredweight this year. This figure is a combination of a quality control bonus, a

bonus for extra production, and an investment tax credit.

The 10 cents per cwt. bonus paid in February can be considered a harbinger of further favorable developments, said William Stoudt, director of field services.

A bonus of 30 cents per cwt. will be paid from August through November for shipments in excess of shipments for the same periods the previous year. This will encourage more milk production for use by the cheese plant.

Other membership benefits for Lehigh shippers include fire and storm loss protection, group disability insurance, and products available at reduced prices.

Robert Gehman, director, claimed LeHi could have made even greater progress if they had not lost a number of producers, who were unhappy with the strike cost. "Others left Lehigh because they may not have understood our proposal to recapitalize the business," he added. "There were about 10 million pounds of milk a month that were no longer available to us. This reduced our profitability. Our progress should be satisfying to you who decided to maintain your ties with Lehigh. And you deserve to be bullish about the future," he concluded.

Alpheus L. Ruth, chairman of the Board of Directors proclaimed: "To you faithful producers who stuck by us, we are grateful for your support. To our customers, who were understanding, our deep appreciation to you, too. Let's see how far we've come

Alpheus Ruth, chairman of the board for LeHi, is credited for having displayed leadership which is "a blend of strength and patience."

together. In 1975 our sales were \$80 million. Our loss was \$1,879,000.

In the year we just completed, our sales were over \$118 million and, for the first time in five years, we were in the black. This is substantial progress and in-

dicative of favorable trends. We also had an improvement in our working capital of over \$1 million.

In fiscal 1980, calendar 1979, the year we're in, we are planning a profit of \$1,079,000. It's an attainable figure," he concluded.

Delaware offers pre-measurement service

NEWARK, Del. — To insure maximum benefits farmers participating in 1979 federal farm programs may find it worthwhile to use pre-measurement and other producer services available from the ASCS office, according to Donald W. Campbell, Sussex County Executive Director.

At the producer's request, ASCS representatives will stake and measure acres before crops are planted. This applies to corn and set aside acres. For barley and wheat they can measure what you have already planted or wish to harvest. There is a charge for this service based on the size of fields and the number of lines put on the photograph, but ASCS guarantees the acreage for this year's program.

This has two advantages, says Campbell: you are sure of having enough set aside and you can plant the rest of

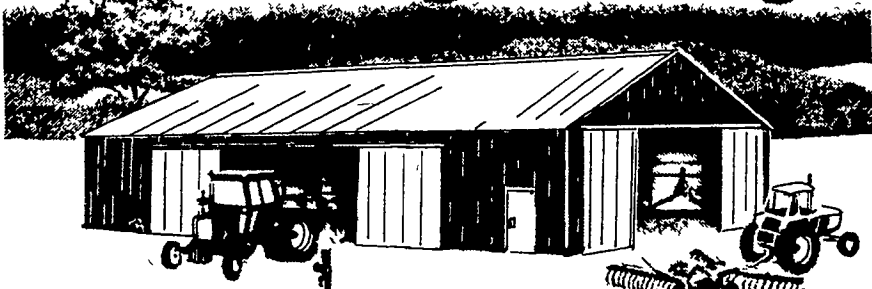
your land to crops for harvest. At today's land value this is an important consideration. Also, it means you won't have to destroy any crops to assure program eligibility.

Another service includes soil measurements of stored grains. These can be used for crop loans and proven yield purposes.

To request the service, call or visit the ASCS office in Georgetown, Del. (302-856-9041).



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Nitrogen testing results told

NEWARK, Del. — When farmers apply nitrogen to corn they usually use a 30 per cent liquid nitrogen solution, says Delaware Extension crops specialist Frank Webb. But with increasing nitrogen costs, farmers need to know when and how to apply this liquid nitrogen for best results.

Are optimal yields achieved with pre-plant incorporation, preemergence application, post-emergence sidedress treatment or some combination of the three? And, is one application method better for conventional tillage, another for no-till? Finally, are those highly-touted nitrogen stabilizers really worthwhile? Do they really slow down nitrogen release, and is this reflected in greater yields?

After a three-year Extension demonstration at the University of Delaware's Georgetown Substation, Webb now has some answers to those questions.

In the Summer of 1976 Webb planted several plots of corn, half conventionally tilled, half under no-till. He applied 30 per cent liquid nitrogen to the plots at various rates and times — some pre-plant incorporation, some pre-emergence sidedress treatment, and some combination treatment.

In addition, Webb tried several different additives which are meant to enable slower nitrogen release over a longer portion of the growing season. The materials chosen were Dow Chemicals N-Serve, Olin Corporation's Terrazole, and Kalo Laboratories' Extend.

According to Webb, pre-emergence nitrogen seems to be less efficient on no-till corn than on conventionally tilled corn. Three-year trends indicate improvements in yield no-till corn with sidedress applications of nitrogen.

In 1978, for the first time in three years, Webb realized lower yields on his no-till than on his conventionally tilled corn. He attributes this

shift to the presence of a weed — Fall panicum — in the no-till corn in 1978, likely due to an untimely rain shortly after weed-control chemicals were applied.

The results of the no-

tillage treatments clearly show the benefits of sidedressing to the no-tillage method of growing corn.

The additive N-Serve showed a very slight increase in yields over un-

treated corn. The other additives, Terrazole and Extend, showed some yield increases when added to nitrogen applied at the 50 pounds per acre rate, but not at the 100 pounds per acre rate. These yield increases with Terrazole and Extend were noted during the last year of the demonstration only, and the reasons for the increases are as yet unclear.

Webb found that applying all the liquid nitrogen pre-emergence results in lower yields than any other method of application, whether on conventional or no-tillage.

The most favorable approach for applying 30 per cent liquid nitrogen seems to be either a total sidedress treatment when the corn is six-to-ten inches tall, particularly on no-till; or a com-

bination of pre-emergence and sidedress applications.

Webb notes that rainfall following pre-emergence application of liquid nitrogen increases its effectiveness.

Those desiring the complete results of the three-year demonstration should request copies of the 1978 Progress Through Research Report from the Delaware Extension Service.

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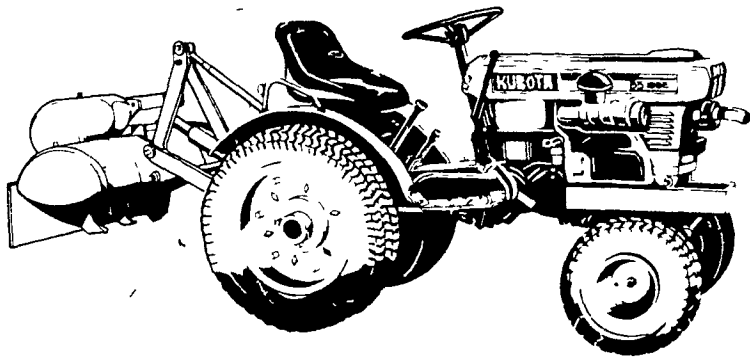


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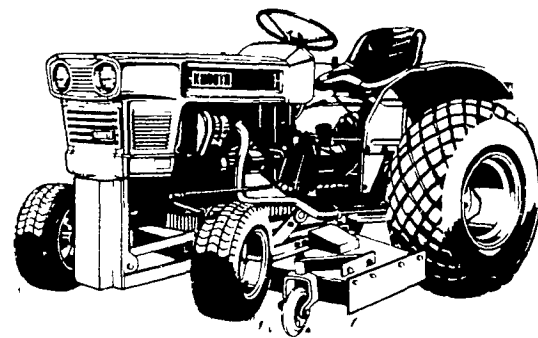


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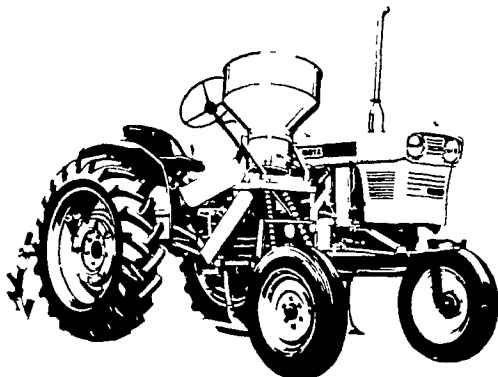
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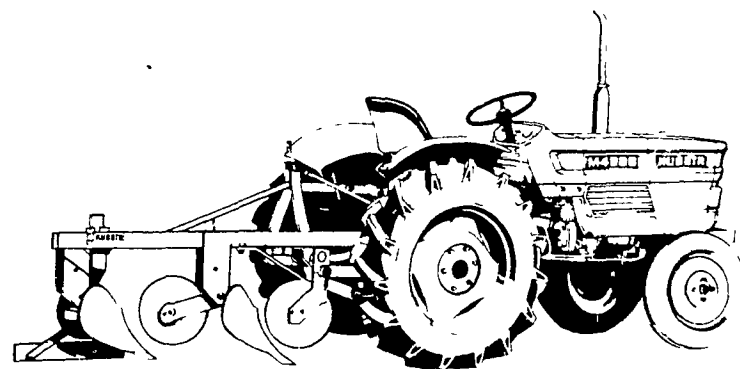
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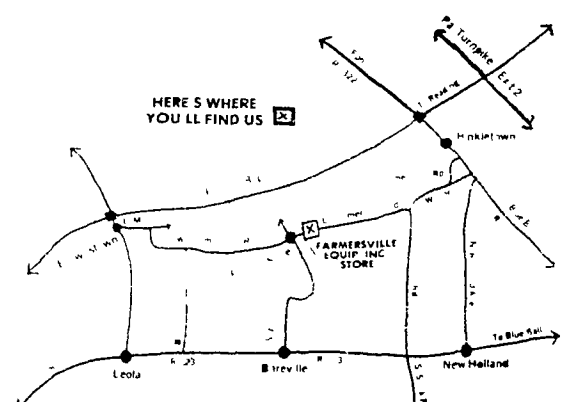
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Maryland's new secretary of agriculture, Wayne A. Cawley, Jr., of Denton (left), congratulates a fellow Caroline County resident, Herbert K. Dubin of Henderson, during recent countywide soybean improvement banquet. Dubin was named runner-up and conventional tillage champion in the 1978 countywide soybean contest with a yield of 52.5 bushels per acre. He placed eighth in the over-all state rankings. Dubin's contest acreage was planted to Williams soybeans in 7-inch rows on July 8 after he had harvested a crop of peas in the same field.

W.H. Weer is Maryland's top soybean grower

COLLEGE PARK, Md. - For the third consecutive year, Maryland's top soybean grower hails from Caroline County, on the Eastern Shore. The 1978 winner is William Harold Weer of Goldsboro, with an official yield of 64.0 bushels per acre. Weer used Essex soybeans, planted in 19-inch rows on non-irrigated land in late June.

The new state soybean champion farms 750 acres in northern Caroline County in partnership with his sons, Robert and William H. Weer, Jr. Most of the land is fairly heavy, in contrast with the light, sandy soil typical of the southern end of the county.

The Weers practice double-cropping in alternate years with corn. This involves plowing under corn stalks to prepare a smooth seedbed for the small grains preceding soybeans in each double-cropping year.

Such procedure is in line with current recommendations of the Cooperative Extension Service and the agronomy department at the

University of Maryland in College Park.

Runner-up in the 1978 state contest was Earl J. Hutchison of Easton (Talbot County). Hutchison's yield was 61.9 bushels per acre. He also planted Essex soybeans by the no-till method in late June, using a row width of 18 inches - almost identical to the Weers.

Maryland's official yield record for soybeans was set in 1976 by Dale Reagan of Federalsburg, who farms in the southern end of Caroline county. His mark was 69.8 bushels per acre, set with Williams soybeans on irrigated land.

The top 10 soybean growers in the 1978 Maryland contest attained an average yield of 56.49 bushels per acre. By contrast, the top 10 entrants in last year's South Carolina contest had an average yield of 63.2 bushels per acre.

Over-all state averages for soybean yields in 1978, however, show Maryland ahead of South Carolina by a score of 32 to 22 bushels per acre.

Talbot County placed six soybean growers in

Maryland's top 10 last year, with the high five of that group averaging 57.42 bushels per acre. Three of the five used Essex soybeans, and four out of five inoculated their seed and planted in wide rows.

The statewide soybean yield contest is conducted each year as part of the crop improvement programs of the Cooperative Extension

Service at the University of Maryland.

Yield measurements are supervised by Extension agricultural agents in the participating counties, and awards to state winners are presented annually by the

Maryland Crop Improvement Association. The MCIA was organized about 1905.

Major goals of the contest are to emphasize efficient production practices and to help growers obtain the

maximum potential from each acre of soybeans. Summary sheets for each county contest supply valuable feedback to Extension agricultural workers and agribusiness professionals.



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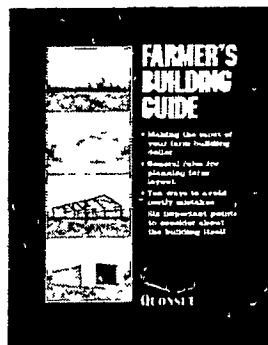
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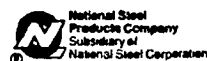
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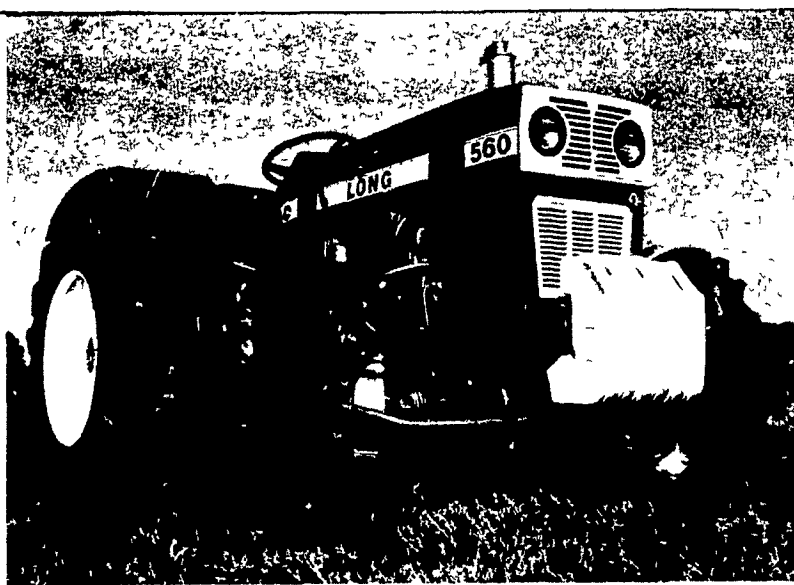
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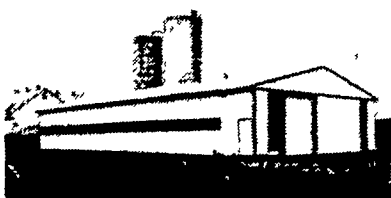
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Bergland clears farm program changes

WASHINGTON -- Secretary Bergland last week announced eight farm program decisions affecting wheat, feed grains and credit.

Bergland said he 'was announcing the decisions to "dispel rumors that the administration is planning further changes later this year."

The decisions affect a broad range of commodity and credit programs. Bergland said they represent "the only major changes that will be accepted for the 1979 program."

Specific decisions include:

Wheat — producers with 1978-crop wheat loans are being given the opportunity to extend those loans for 6 months, in order to allow farmers with early maturity dates on loans to take part in the food aid reserve and east storage and transportation problems. The farmer-owned reserve will not be open to 1978-crop wheat.

Also helping to ease the downward pressure on wheat prices will be the option offered farmers last week to graze cattle on their wheat acreage. This will help reduce wheat production and strengthen prices, and may encourage slightly more beef production.

Corn — Weather-related excess corn production in 1978 has been removed from the market and placed by farmers into the farmer-owned reserve. The remaining excess supplies are due to lower than expected participation by farmers in the set-aside program. Therefore, additional 1978-crop corn will not be permitted into the reserve. If storage and transportation problems develop for corn that is under loan, a decision to extend loans may be made at

a later time to ensure orderly marketing.

Barley — Supplies are heavy in some parts of the United States. If transporting these supplies to market becomes a problem, producer loans may be extended.

Oats — The farmer-owned reserve has been triggered. Therefore, there will not be an extension of 1978-crop loans.

Grain sorghum — A review indicates that sorghum is in a position to move into world markets at the present time.

Soybeans — Soybeans will not be permitted to be grown on set-aside or diverted acres.

Interest rates — A decision has been made to increase the interest rate on farm storage facility loans to 10.5

per cent, on farm real estate loans through the Farmers Home Administration (FmHA) to 9 per cent, and on farm operating loans by FmHA to 9.5 per cent. Interest rates on 1979-crop commodity loans will be announced later.

Dairy price supports — There will be no increase in the manufacturing margin allowance for milk for another six months. The Commodity Credit Corporation (CCC) policy of offering government stocks of dairy products for sale at 110 per cent of the support price is being changed to 105 per cent in order to facilitate resale of stocks when prices increase in the fall because of smaller production.

Stump removal is often a problem

MEDIA — When a tree is to be cut down, the above ground portion is usually a simple matter and the resulting firewood a real asset. It's the portion below ground that more often proves to be the real problem, says James J. McKeen, Delaware County Extension agricultural agent.

When it can be camouflaged by the use of a ground cover, or where the stump makes an effective pedestal for a bird-bath or statue, this is all well and good. However, removal of the stump below ground level is usually desired.

The easiest approach is to hire an arborist who will bring to the site a machine called a stump-remover. Where many stumps must be removed, and the area has

sufficient access for this large piece of equipment, this is the best answer. Where this won't work, other measures must be employed. Chemical treatments that hasten rotting or decomposition are hardly effective, and slow burning of the trunk is not legal. For smaller stumps, dig the ground from around the base of the tree and then cut the stump slightly below the ground. Bore several vertical holes (¾-inch diameter and 4-6 inches deep) in the top of the cut stump and cover with soil.

Occasional applications of a nitrogen fertilizer and water during dry periods will hasten decay. When the trunk can be cut level with the ground (Not posing an esthetic problem), follow the before-mentioned procedure of drilling holes.



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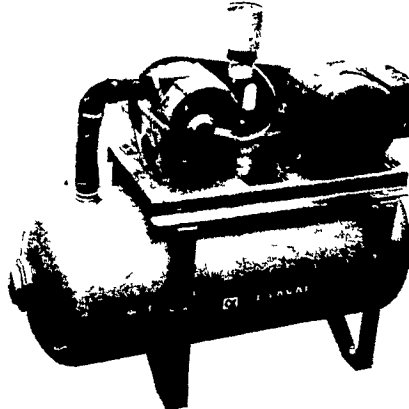
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FFA prizes presented at Solanco

By TINA BUCHER
Solanco FFA Reporter

MECHANICS GROVE - Over twenty Solanco FFA members received awards at the annual banquet held recently at the Solanco High School, here.

Jeffrey G. DeLong, son of Mr. and Mrs. Henry DeLong was named Star Keystone Farmer among Solanco's seven state degree winners. Jeff has been active in many aspects of the FFA and this past year he served as the vice-president of the Lancaster County FFA as well as vice-president of his chapter.

The Star Red Rose Farmer was Gary Eberly. Gary has been especially successful with his projects and won medals in both the county and state project book contests this year. Gary is presently serving as Solanco FFA's chaplain.

Carl Hershey was awarded the Star Chapter Farmer, and also was the first place winner in the chapter one-acre corn contest. Carl has been involved with land judging, poultry judging, and parliamentary procedure.

This year the Star Greenhand was presented to David Myers who, among his FFA activities, placed fourth in the county creed contest.

Honorary Chapter Farmer degrees were awarded to Scott Wolff for his support given to the Solanco Dairy Club, and Red Rose Farm Supply for their services donated to the Solanco FFA.

The Farm Women #20 Award for an outstanding senior FFA member went to Dwayne Piefer.

Tim Hanks was awarded the Henry N. Wenger Insurance Agency Award for being the member who made the most of the materials he had available to him.

Scott Osborne received the Lancaster County Bankers Award for an outstanding senior member.

The Ross H. Rohrer and Son Dairy Award for the student with an outstanding project in dairy went to Tom Kirk.

A special award was presented to Dr. William Fredd who devoted 22 years of teaching service to the Solanco chapter.

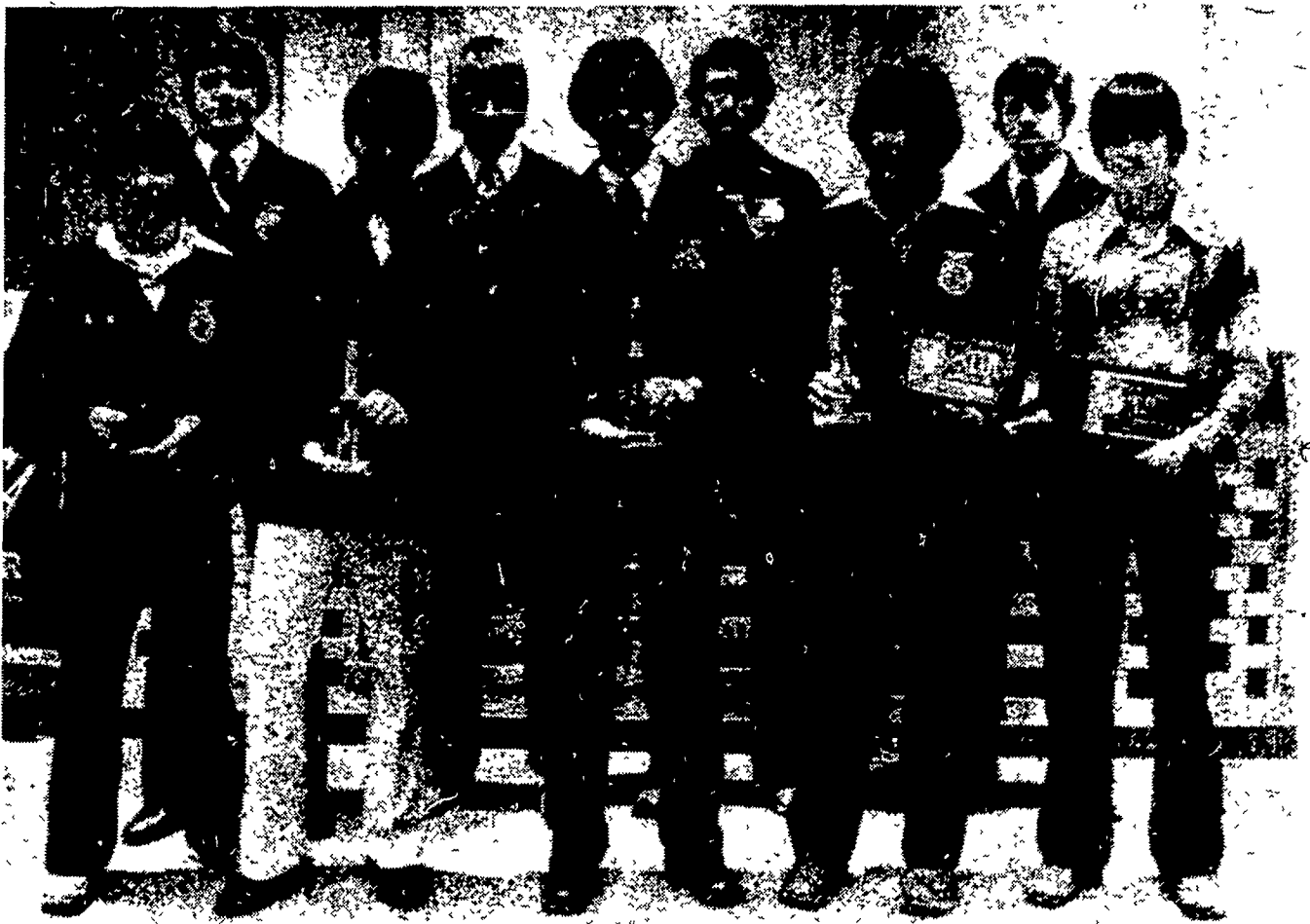
Randall Ranck and David Gerhart received plaques for their achievement of winning the American Farmer Degree. This is the highest degree offered in the FFA.

In the chapter one-acre corn contest, Carl Hershey won the first place trophy for a yield of 232 bushels per acre. Doug Hershberger was second with a yield of 207 bushels per acre. Ricard Drumm Jr. was third with a yield of 198 bushels per acre.

Foundation medals were given to the following: Dairy-Tim Hanks, Tina Bucher; Crops-Carl Hershey; Beef-Troy Groff, Dwight Herr; Placement Ag Production-Robert Work; Swine Production-Jeff Wood; Public Speaking-Jeff DeLong, Doug Hershberger; Fish and Wildlife-Betty

Trimble; Ag Mechanics-Gary Eberly; Soil and Water-Doug Hershberger.

Midway through the awards program, the members and guests were entertained by magician J. Peter Watt, who had an enjoyable show and made it especially exciting by involving members of the audience.



Solanco FFA'ers honored at the March 15 banquet were back row (left to right) Gary Eberly - Star Red Rose Farmer, Tom Kirk - Red Rose Dairy Award, Tim Hanks - Henry Wenger Life Insurance Award, Jeff DeLong - Star Keystone Farmer. Front row (left to right) Dwayne Piefer - Farm Women

#20 Award, Richard Drumm Jr. - third place corn award, Doug Hershberger - second place corn award, Carl Hershey - Star Chapter Farmer and first place corn award, David Myers - Star Greenhand.

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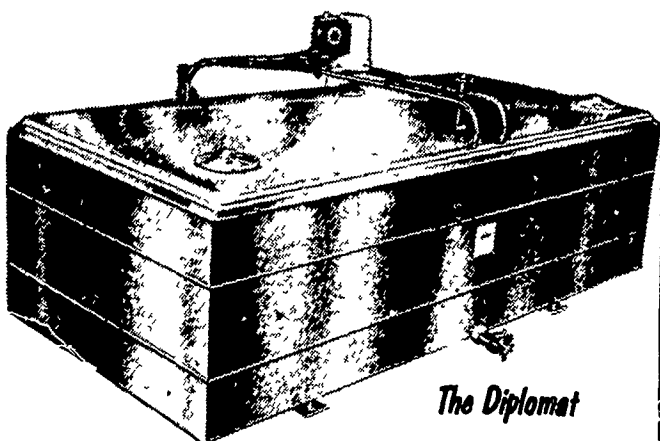


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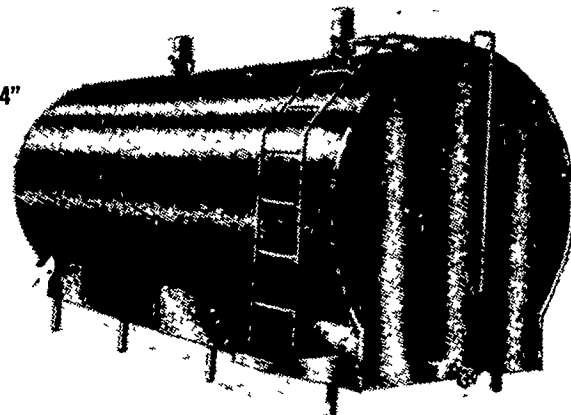
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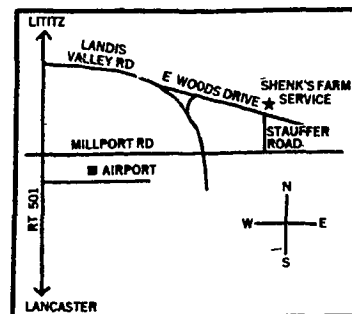
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Southeastern credit group meets

WEST CHESTER - The Annual Joint Stockholders' Meeting of the Farm Credit Cooperatives was held in two sessions on February 26 and 27 with 583 members and guests present. These two organizations, Southeast Production Credit Association and Southeast Federal Land Bank Association, maintain their headquarters office at 810 Downingtown Road, West Chester, with a branch office located in Silverdale. These two locations service short-term, intermediate-term, and long-term farm loans in the four county areas of Montgomery, Bucks, Chester and Delaware.

The first session was held Feb. 26, at the Octorara Area

High School, Atglen, and the second session was held Feb. 27, at the Christopher Dock Mennonite High School, Lansdale.

The meetings opened with a full course dinner at 7:00 p.m., with William P. Moore, Chatham, president of the Southeast Production Credit Association in charge of the first session, and Earl B. Stover, Buckingham, president of the Southeast Federal Land Bank Association in charge of the second session.

Wilmer Hostetter, Oxford, a director of the Southeast Production Credit Association, was appointed general chairman for the two sessions. The Joint Directors' Report was given by Robert

F. DiMarco, West Grove, and the Manager's Report was given by General Manager Kenneth S. Russer. At the Octorara session, a plaque was presented by P. Robert Dougherty, senior vice president, to Earl B. Stover as president of the Southeast FLBA; the plaque was given in recognition of the Southeast Association's participation in the Federal Land Bank (Baltimore District) reaching the billion dollar mark.

According to the Joint Directors' Report, the Production Credit Association shows outstanding loans of nearly 30 million dollars, representing an 18 per cent growth in the past year. The Federal Land Bank Associa-

tion has topped the \$50 million mark, which represents an 11 per cent increase over the previous year.

Following the special reports, the election of directors began. Because of a tie in two of the positions, the business portion of the Annual Stockholders' Meeting was not concluded until March 15, 1979. In order to resolve the elections, new ballots were forwarded to stockholders in attendance at the two sessions enabling them to re-cast their votes. The special sealed ballots were opened by tellers appointed at the original meeting at 10 a.m. on March 15, 1979. Directors elected for a three year term on the Production Credit Association Board were H. Ralston brown, Oxford, and Wallace

Lancaster Farming, Saturday, March 31, 1979-37

Vegetable planting tips given

NEWARK, Del. - Warm weather is finally on its way, and as soon as the soil dries

G. Derstine, Hatfield. On the Federal Land Bank Association Board, Earl B. Stover, Buckingham and Harold A. Knechel, Harleysville were elected to three year terms.

The guest speaker at both sessions was William F. Heefner, Esquire, of Curtin & Heefner (a legal firm with offices in both Morrisville and Doylestown) who spoke on estate planning.

out enough, planting of Delaware's commercial vegetable crops will begin in earnest. University of Delaware Extension vegetable specialist Dr. Michael Orzolek has some planting tips which should help growers ensure a good harvest this year.

The first step in making sure you have a successful growing season is to use good seed. So be sure you check the germination level of the seed you intend to plant. This way you'll get a uniform stand and a crop worth harvesting.

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Seed lots which test below 70 per cent germination aren't worth bothering with, as they'll produce plants of low vigor, warns the specialist. Such seedlings will be unable to develop properly under the sometimes difficult growing conditions of a Delaware Spring.

High germination and seedling vigor are especially important for early-planted seeds which must sprout and develop in cool, wet soils and cool nights. In themselves, these conditions favor slow plant growth, and weak seedlings will be even slower to develop. They will also be more susceptible to mechanical damage, chemical injury (especially from herbicides), and early insect and disease problems.

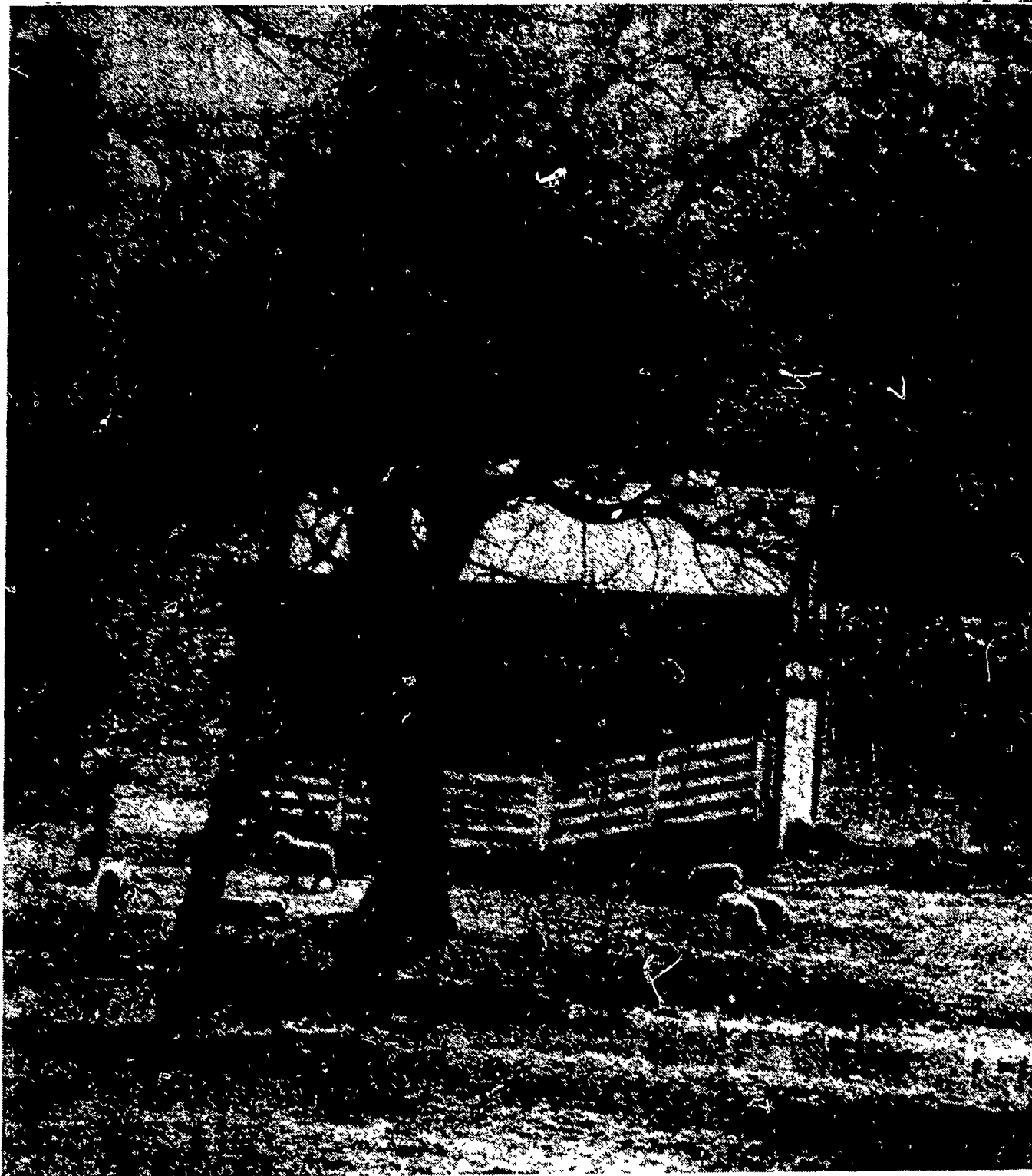
Also give careful consideration to the condition of your soil before planting. Check soil temperature and moisture as well as air temperature, so that you won't run into problems such as the crusting that develops when a heavy rain is followed by high temperatures. Also, don't try to rush the season. Planting into wet soil with a temperature less than 50 degrees Fahrenheit will produce uneven stands and may delay maturing of a crop.

Inspect your planter and/or transplanter to make sure they're set for the correct depth. Also make sure the press wheel firmly covers the seed and that the root ball of the transplant comes in direct contact with the soil with no intervening air pockets. Deep seed placement may be necessary under dry soil conditions, but Orzolek does not recommend planting seeds deeper than 1 3/4 inches.

Many problems during the growing season and at harvest stem from poor seedbed preparation. A firm, level seedbed will ensure good soil contact and moisture for the seed. It will help guarantee an optimum plant population with uniform emergence. And it will help control weeds.

With mechanical harvesting equipment, level fields are also essential since ridges or gulleys can result in substantial raw product loss. You can also reduce your harvest time by keeping your fields level.

Take the trouble to get off to a proper start by following these tips and save yourself a lot of time and money later on.



Hampshire sheep venture out to see how Spring is progressing at Warwick Farms, Lititz. The

swollen creek has gone down and tid-bits of grass are beginning to sprout quickly.

'Tuning in' on potatoes detects stones and clods

UNIVERSITY PARK - "Tuning in" on potatoes as they are dug, much like radio receivers "tune in" on stations, is the goal of agricultural engineers at The Pennsylvania State University who want to develop a machine to detect and remove stones and clods during harvest.

The process uses an electronic circuit to accept potatoes while a mechanical coupling discards stones and clods. The technique is known as a tuned resonant system, according to Dr. Kermit Q. Stephenson, professor of agricultural engineering. An experimental machine using the system is being developed at Penn State.

Dr. Stephenson said the system is based on a mechanically-coupled electronic device designed to vibrate at the principal resonant frequency of the crop to be harvested. Objects with the same resonant band will enhance the device's vibration while unwanted objects of other resonant frequencies will suppress the vibration.

In the experiments to date, the model device has been tuned to the principal resonant frequency band of potatoes, 400 to 600 Hertz or cycles per second. Stones

and clods of soil are recognized as non-resonant objects at the discharge end of a conveyor and are sorted from potatoes and discarded.

A wide variety of shapes and sizes of stones and soil clods in the size of potatoes have been used to test the sorter for accuracy and speed. Ninety-six per cent or higher accuracy has been obtained in sorting stones and clods from potatoes at speeds up to four and five objects per second.

"The results proved that such a tuned system can be used for sorting applications," Dr. Stephenson stated. "Improvements in speed and accuracy, and

applications for other products, are expected with continued development," he affirmed.

And he indicated that fruits and vegetables have frequency response characteristics related to certain physical properties. Ripe fruits, for example, are commonly softer than immature green fruits. Thus, ripe fruits exhibit resonant frequency bands at different frequencies from firmer green fruits.

Dr. Stephenson and associates have defined the resonant bands of potatoes and certain varieties of tomatoes and peaches. Potatoes were found to possess a more distinct,

single, principal resonant band than peaches or tomatoes. This principal resonant band was consistent for various varieties, shapes, and sizes of potatoes.

The tuned resonant system for detecting and sorting stones and clods from potatoes will be featured in the Winter issue of "Science in Agriculture," the quarterly magazine of the Agricultural Experiment Station at Penn State. To get on the free mailing list for

"Science in Agriculture," write to The Pennsylvania State University, 229 Agricultural Administration Building, University Park, Pa. 16802.

xxx
Scientists have discovered an insect that feeds exclusively on bindweed, menace to many farmers' crops.

PARKER'S COMPLETE FARM DISPERSAL TUESDAY, APRIL 10

10:00 A.M.

JASPER (Steuben Co.) NEW YORK

Sale to be held at the farm located on Co. Rd. #71, app. 2 miles North of Jasper 4-corners (Rte. 417).

As the farm is sold and the Parkers' are retiring from a lifetime of farming, they must liquidate all personal property as follows:

58 Interstate tested, Homeraised, Eastern Sired and Bred Holsteins 58

37 mature cows: 11 fresh last 60 days; 19 bred for Aug. - Oct. balance bred for later! 9 heifers bred for fall; 3 short yearlings; 9 heifers from 2-6 mo. old and vaccinated!

All animals innoculated against shipping fever, vet checked for pregnancy. Catalogs at ringside.

This herd is the result of years of the best of artificial breeding. 1978 herd average was in excess of 15,500 lbs. at the plant! On 3-21-79 34 cows in milk sent 2012 lbs. per day, and they hang with it! Come here for milk!

EQUIPMENT:

IH 766 diesel with cab, double ring chains, 1400 hrs.; IH 656 gas tractor, 1400 hrs., duals, chains; MF 165 gas tractor, chains, Freeman front end loader; IH 4-18 #710 high clearance, auto. reset plow; IH 1050 grinder-mixer; IH 401 16 ft. drag on #15 transporter; NH 717 chopper with pick-up head and 1 row corn head; NH 469 haybine; NH 275 ejector baler and auto. greaser; Farmhand 5 wheel rake; MF 3 pt. 7 ft. mower; 2 solid kicker wagons on heavy gear; 28 ft. cardinal hay-grain elevator; NI 323 picker used on just 30 acres; NH 2 beater s.u. wagon on 10 T. gear with high flotation tires; rubber tire wagon; Lamco feeder wagon; NH 518 spreader; Kory gravity box on gear; JD 15A flail chopper; MF 3-14 mounted trip plow; JD 7-17 grain drill; 150 gal. 3 pt. fiberglass sprayer; NH super 23 short hopper blower with pipe; Ford #309 3 pt. 2 row corn planter, new! Winco 15000 p.t.o. alternator; on wheels; 3 pt. 8 ft. scraper blade; farm trailer; Skelton 18 ft. bale elevator; group of 18 IH front weights; hyd. cylinders; pipe dies; cutting torches, tanks, cart complete; h.d. 3/4 in. socket set; Forney 180 amp. welder; bench grinder; high pressure washer; set of new fenders for IH 766; 16 ft. 5 in. auger; flatland plow; bob sleighs; Fairbanks hardware scales; one-horse buggy; snow blade for wheel horse tractor; cattle pick-up rack; Sunbeam clippers; Agway water tank; stone boat; ensilage cart; 220 elec. cord; and other tools and accessories!

ALSO selling at 10:00 A.M. Sharp! Household and misc. including Arvin humidifier; console stereo; GE port. dishwasher; GE dryer; crocks; jars; milk cans; iron beds; 2 30 gal. crocks; wringer washer; wash tubs; hand cow clippers; sewing machine; dressers and chests; set of 6 diningroom chairs; egg incubator; pine chest; and other misc. items!

Lunch Available

Note: The Parkers have been on this farm since 1936, everything sells and its all just like new or better!! Good cattle and machinery!

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12:30 P.M.

Held at Jim Adriance's Farm, turn off Rt. 706, 6 miles west of Montrose or off Rt. 29 at Dimock, follow auction arrows, Susquehanna Co., PA.

80 HOLSTEINS

- (1) 30 Cows, dairy with many fresh now, 14 yet to freshen this spring, 1 October cow.
- (2) 20 springing or just freshen Holstein cows, quality and size.
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7:00 P.M.

Selling:

6 bulls, 7 cows, 12 Senior heifers, 26 Junior heifers.

Located at the Frederick Fairgrounds,
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Fluorescent dye tells tillage tale

UNIVERSITY PARK — scientists at Penn State are using fluorescent dye, crop determining the most ef-

ficient tillage tools for blending herbicides into the soil to kill annual weeds before planting corn. Ultraviolet light is used to photograph the fluorescent dye in soil profiles.

The tandem disk, common on most farms, was found to be one of the most effective implements for incorporating herbicides. The soil should first be broken with a moldboard plow or chisel plow. Reporting the findings was Dr. Nathan L. Hartwig, associate professor of weed science at Penn State.

In addition to the tandem disk, tillage tools such as the cultimulcher and the rotterra were very effective methods of blending herbicides into

the soil on plowed ground. Hartwig said the cultimulcher did a very good job of blending the weed killer with the soil down to two inches following plowing and use of a tandem disk.

Where yellow foxtail and witchgrass were the primary weeds, two to three inch depth of incorporation was ideal, the Penn Stater said. After plowing, the rotterra distributed the herbicide evenly down to 1 1/2 inches.

When used following a chisel plow or heavy disk, the rotterra incorporated the weed killer down to 3 1/2 to 4 inches. It appears that the rougher the surface to which the dye was applied, the

deeper the incorporation, Dr. Hartwig commented.

Corn yields were closely related to the effectiveness of weed control, he noticed. When weeds were controlled, there was little difference in corn yields among any of the tillage methods. Both weed control and fluorescent dye were used to determine the ef-

fectiveness of incorporating herbicide into the soil.

Using a rotterra to incorporate herbicides appears to do an excellent job whether it follows a moldboard plow, chisel plow, or heavy disk, it was stated. However, some people claim a rotterra may destroy the structure of the soil with its rotary action, Hartwig said.

Tea was first cultivated by the Chinese around 2000 years ago, and they thought the brew was good for anything from banishing bad breath to "making the bones feel lighter." Tea came to

America in the 17th century, the March Reader's Digest points out, and would probably have become the national drink — had the British not thoughtlessly tried to tax it in 1773.



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188 acres; scenic and mostly tillable farm; has all the makings of a top notch livestock operation; horses, beef cattle, sheep!; good water from 10 springs; 2 ponds and 2 wells!; 188 acres; 140 tillable; 22 acres native pasture; orchard; 25 acres woodland which is mostly sugar maple; with southern exposure; and the lay of the land makes it great for a pipe line for sugar maple. Fine 2 story 10 room farm home has been remodeled; aluminum siding; 4 bedrooms; 1 1/2 baths; rustic kitchen with cathedral ceiling; pine cabinets; large basement; hot water heat; shaded by spruce, maple and locust trees. Solid 50 x 50 ft. basement barn; 20 x 40 ft. cinder block 2 story workshop; "no traffic"; located at the end of private lane; 5 miles to town. A great opportunity for the right person, must be seen to be appreciated.

To be sold starting at 11:00 A.M. - Electrical Contractor's tools; camper; G.M.C. truck; lumber; etc. electrical conduit, wire and fittings; acetylene tank and cart; Ridgid 300 power vise with dies; like new (2) Coffing 1 1/2 ton chain hoists; 2 fiber glass truck tool boxes; acetylene gages, torch and hoses; 4" pipe dies with Universal shaft, quantity of other ratchet dies; Greenlee model 521 portable band saw, 4" cap; Milwaukee contractor's heavy duty right angle drill; other electric drills; electric portable grinder; bench vise; Black and Decker double bench grinder; Black and Decker vibrator sander; hydraulic floor jack; 3/4 horse submersible pump; electric meat grinder; Black and Decker hammer with bits; 2 work benches; 9" Vandom portable power saw; pipe wrenches; small tools; Mercury super 4 auto pipe machine 1" to 4" on rubber; 1958 G.M.C. 1/2 ton pick up truck (parts only); 1969 1/2 ton Chev. pick up truck; 1" to 2" plastic pipe; Onan 3.5 K.W. generator; 50 new car wheels; Vulcan 1 1/2 ton air bumper jack; rubber tired wheelbarrow; 1969 Artic Cat Panther 303 rotary engine snow mobile; Artic Cat double snowmobile trailer; bubble wheel balancer; 300 gallon fuel tank on skids; 1970 Timberlake 10' truck camper, sleeps 6, toilet, gas and electric refrigerator, gas stove, oven, sink, furnace, etc., in very good condition; picnic table; oak buffet with claw feet; upright piano; cider barrels; junk iron; 1050 board feet of walnut lumber, 2 1/2" to 3" thick, 6" to 20" wide, 5' to 14' long; 1000 board feet 4/4 pine, both the walnut and pine have been under cover and air drying for 9 years; 2 bottom JD 14" plow on rubber; hay rake on steel wheels; and other items not listed.

Directions - Route 15 to Liberty interchange, take Route 414 East to Liberty, from Liberty still on Route 414 go East approx. 1 mile to Farm Road, turn right, go approx. 2 1/2 miles to Mines Lane, turn left, go to end of lane. Watch for auction arrows.

Conditions on real estate: The owners reserve the right to reject any or all bids on real estate only! There will be a deposit of 20% of purchase price required at time of knock down on real estate.

Inspection of Property: Sunday, April 8 & Sat., April 14th from 1 P.M. to 5 P.M. and Sat., April 21, 1979 from 9 A.M. until sale time.

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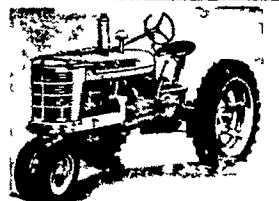
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COMPLETE MACHINERY DISPERSAL



AT SHADY LANE DAIRY SALES

Farm #3 at Kirkwood, Pa., formerly known as the Reath Bros. Farm near the Slumbering Ground Hog Lodge.

SATURDAY, APRIL 7

12:30 P.M.

Directions - From Quarryville take 222 South to Little Britain Rd., then left on Oak Shade Rd. to Kingpen Rd., turn left & go approx. 1 mile to farm.

Having leased this farm entirely we have no further use of the machinery used on it. This will be an absolute auction of good farm machinery always kept in good condition.

TRACTORS: JD 2510, IHC Farmall A, Jubilee Ford, 2 H Farmalls, AC 170, JD H w/plow & cultivator, IHC 300 front end loader. PLOWS: Oliver 3 bottom 3 pt. hitch, Ford 2 bottom 3 pt. hitch, Ford 4 bottom semi mounted, JD 3-14, Ford 3 pt. hitch, weeder. MANURE SPREADERS: Small spreader for Farmall A, JD 40 bu., NH 5-10, Do-More manure loader. CORN PLANTERS: JD 2-row w/3 pt. hitch, JD 2-row #290, JD 4-row #449. ELEVATORS: (2) 28' & (1) 26'. MOWERS: NI pull type, IHC, Ford 7', (2) hay rakes, (1) is IH, NH baler #269, JD baler, hay crimper, 3 section spring harrow, 12' spring harrow w/3 pt. hitch, AC 28 disc harrow, 8' disc, corn drag, 8' cultipacker, 3 pt. scraper, weed sprayer, fertilizer spreader, Gehl silo filler, Oliver grain drill, MF combine, 3 flat bed wagons, 2 grain bin wagons, 2 hay wagons, wire corn crib, 3 h.p. Bou-Matic M vacuum pump, 20 milk cans some w/drop handles, large mow of hay (all kinds). Many more items too numerous to mention.

Terms: Cash

SHADY LANE DAIRY SALES

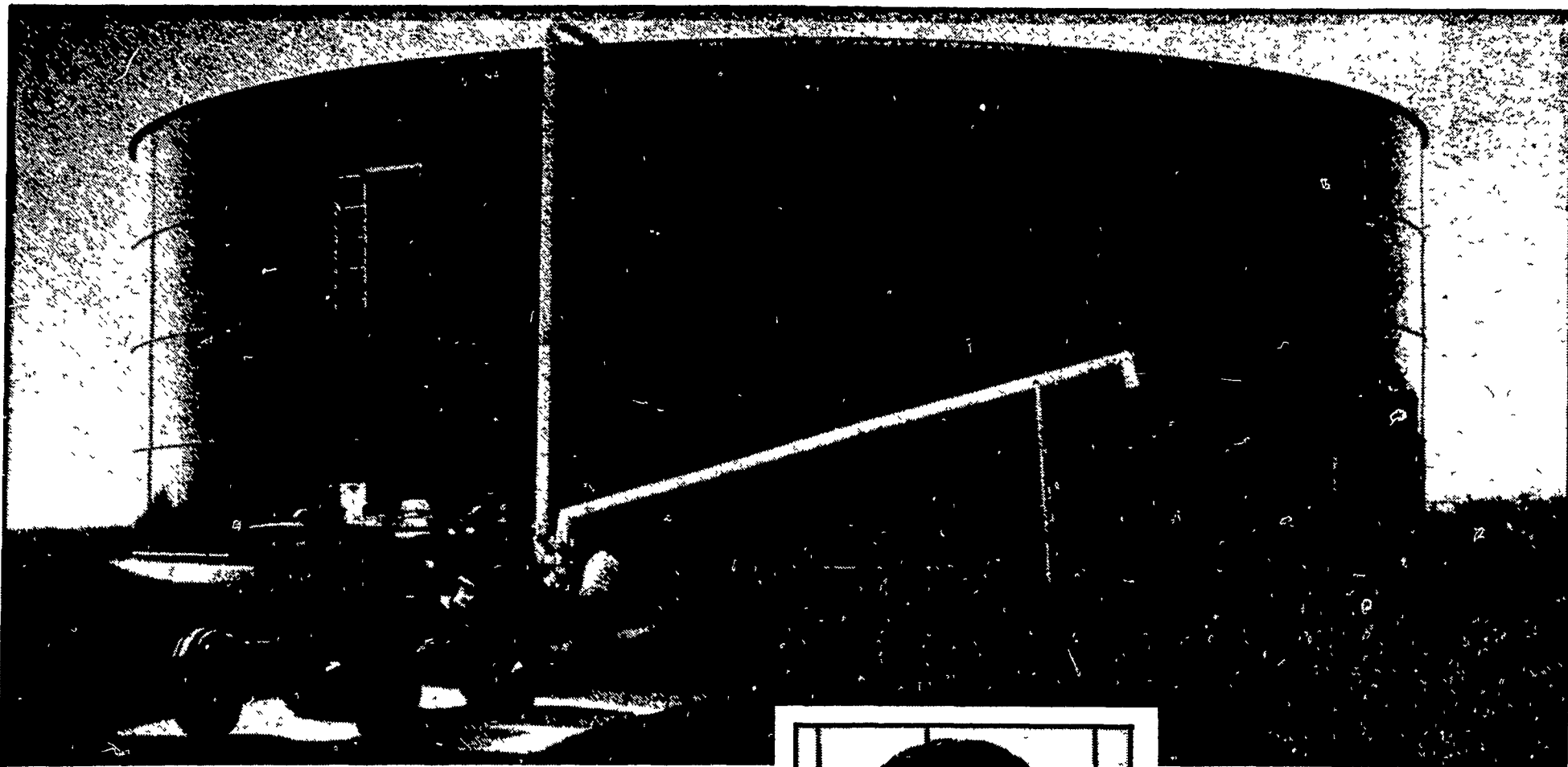
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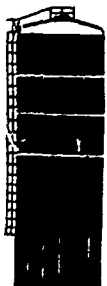
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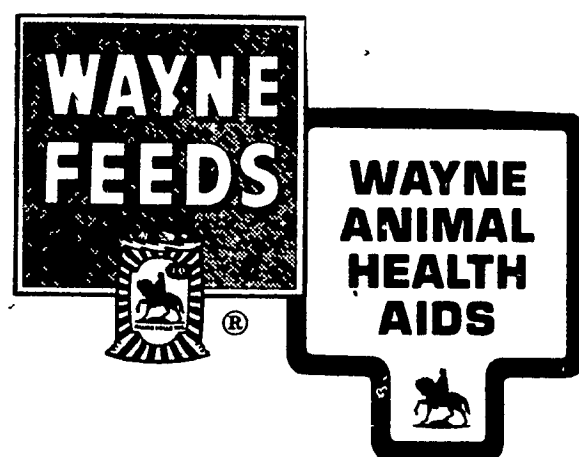
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Cloister FFA salutes top members at banquet

By JOAN LIESAU

Mt. Airy — Over 225 people attended the awards banquet festivities of the Cloister FFA Chapter held recently at the Mt. Airy Fire Hall. State FFA Secretary Sheryl Bollinger, in her remarks, encouraged the members to give of themselves and to live out the FFA motto.

Marvin Fox, son of Mr. and Mrs. Richard Fox, Lititz, was awarded the Star Chapter Farmer Degree and the national judging team award. Marvin has raised 20 hogs, 150 broilers, 200 capons, along with a dairy cow and two heifers. He was on the milks products judging team which placed first in the state and won a silver medal in the national competition. Marvin was also top individual in the County's meat judging contest held recently.

"Assuming a man size responsibility" according to his teachers, James Groff was awarded the Star Chapter Agribusinessman award. James, the son of Mr. and Mrs. Harold Groff, Stevens R1, feeds, milks and cares for an 80 cow herd. He also shows and judges dairy cattle. James was also awarded a silver medal in state record book competition for his work experience on the farm.

Star Greenhand in Production went to Mike Pfautz, son of Mr. and Mrs. Leroy Pfautz, Stevens R1. Mike raised Duroc market hogs and plans to raise 100 capons, 12 hogs, and 10 pounds of sugar peas. He was very active in sales and FFA activities. Mike also showed the reserve champion lightweight market hog at the Manheim Farm Show. Mike was also the recipient of a chain gilt.

Jay Martin, son of Mr. and Mrs. Stanley Martin, Ephrata, received his off the farm work experience at Edgar Martin's Electric Co. He also holds an amateur radio license. For this, Jay was awarded the Star Greenhand Agribusinessman award.

First place winner in the County's small gasoline mechanics contest was Ronald Good. Ron, the son

of Mr. and Mrs. Isaac Good, Stevens R1, received the Foundation Award in agricultural mechanics. Ron was also on the first place state small gasoline engine team. His team went on to win third place in Springfield, Mass. The team set a state record by debugging an engine and having it running within 17 minutes. Ron was also awarded a bronze medal in the state record book competition, two enterprise division. Ron was also given away as a door prize. He donated a day of hard labor as long as lunch was provided.

The agricultural processing award went to Charles Bewley. Charles, the son of Mr. and Mrs. Charles Bewley, Denver R2, works at Levi Evry Poultry Processing Plant. He also raised capons for his project.

Working in the landscaping department of Stauffers of Kissel Hill gave Lamar Groff just the experience he needed to win the agricultural sales and service Foundation Award. Lamar is the son of Mr. and Mrs. Harold Groff, Stevens R1.

Doing his own A.I., with his own tanks, and personally selecting bulls, Bob Fox was named the winner of the dairy production Foundation Award. Bob, the son of Mr. and Mrs. Richard W. Fox, works with his father's dairy herd and does the DHIA records also. Bob, of Lititz R1, received a silver medal in the state record book competition for his six enterprises. Besides his dairy animals, Bob raises market hogs, capons, broilers, veal calves and corn. Bob was also the recipient of a Keystone Degree pin.

Tim Gockley, son of Mr. and Mrs. Elmer Gockley, Reinholds R1, was awarded the crop production Foundation award. Tim raises 20 acres of corn which he feeds to his many hogs and capons. Another project was a large garden. Tim was also named the Star Red Rose Agribusinessman. It was

(Turn to Page 45)



Cloister FFA members were honored at their annual awards banquet held recently. Standing

left to right are Jay Martin, Mike Pfautz, Tim Gockley, Marvin Fox, Ray Good and James Groff.

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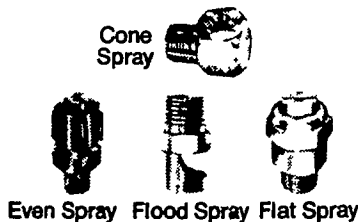
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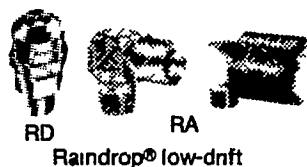
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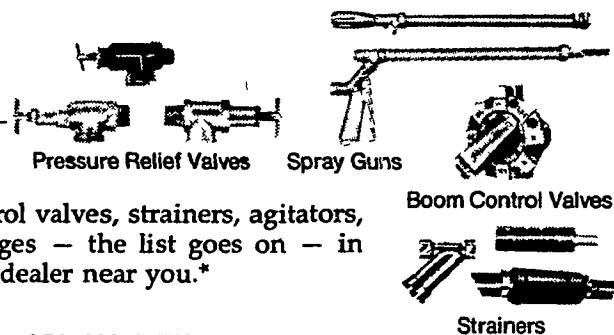


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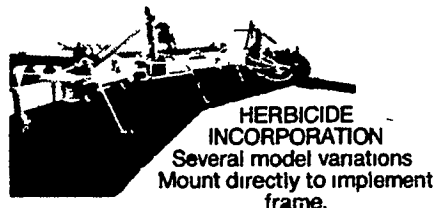
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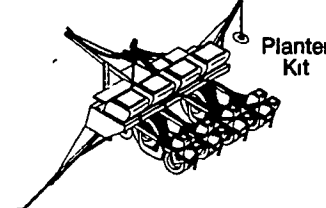


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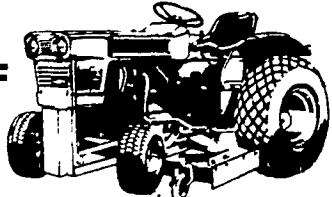
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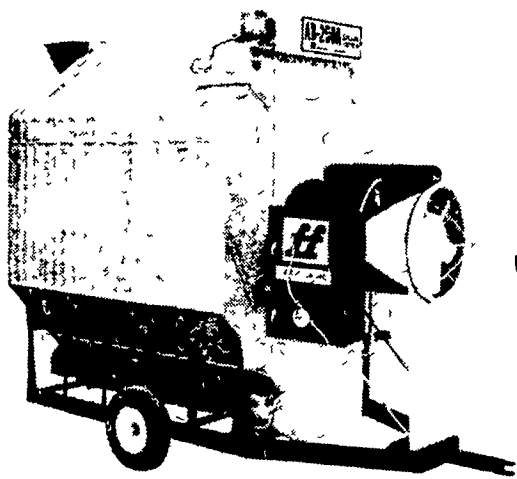


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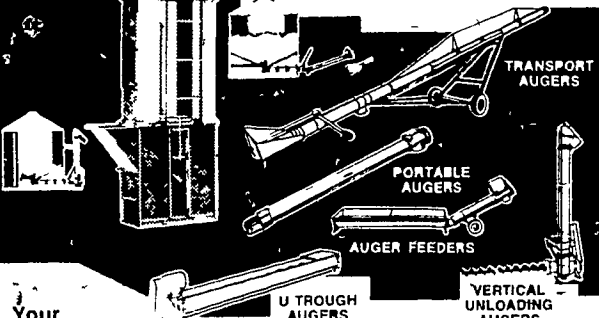
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Crop insurance program being overhauled

WASHINGTON - Senator Herman E. Talmadge (D-Ga.), calling for a major overhaul of the Nation's farm disaster programs, recently introduced the Carter Administration's comprehensive crop insurance bill.

Talmadge, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, said he hoped the Administration's proposal, along with other crop insurance bills already introduced, would provide the basis for the development of a "workable, nation-wide program of disaster protection that will be available to all farmers when and where they need it."

An Agriculture subcommittee headed by Senator Walter D. Huddleston of Kentucky began hearings last week on new farm disaster legislation. Along with the other proposals, it will consider the Federal Production Protection Act of 1979, which was introduced by Senator Talmadge at the Administration's request.

Beginning with the 1981 crop year, the Administration bill would make available to all U.S. farmers protection against loss of production of major crops due to unavoidable or natural causes with coverage available for up to 90 per cent of the cost of production. The program would operate similar to the

existing limited Federal crop insurance program, but with the government paying a part of each farmers' premium for the insurance.

While terming the Administration's proposal, "not the final or complete

answer," Talmadge said in a Senate statement that a "thorough and comprehensive overhaul of the Nation's farm disaster programs is long overdue."

"The existing programs are confusing and cumbersome," Talmadge said.

Iron rich foods needed

MEDIA - It may be difficult to convince teenagers they should eat more liver once they reach the teen years, but more iron-rich foods must be consumed to help in building additional red blood cells during the period of fast growth. Experts say iron is an essential part of the hemoglobin of these red blood cells. To obtain the required amount of iron through diet alone requires an increased use of iron-rich foods in both meals and snacks. Foods considered iron-rich foods are

beef, pork, poultry, liver, fish, eggs, dried fruits (raisins, apricots, and prunes), dried vegetables (beans and peas), leafy greens, green peas and molasses. Other foods contribute significant amounts of iron because they're generally eaten in large quantities. These included enriched bread macaroni and spaghetti. Hamburgers and french fries should be only part of a teenager's diet: he or she needs an ample supply of iron-rich foods in addition.

"The protection and assistance they are supposed to provide farmers sometimes overlap, but more often are inadequate or non-existent to meet emergencies when and where they arise."

Talmadge said the existing Federal crop insurance program, which was established during the Depression era, has fallen "woefully short" of the goal of providing basic crop protection to all of the Nation's farmers.

"Today, 40 years later, Federal crop insurance exists in only one half of the Nation's counties," he said. "Nor does the program cover all major commodities even where the insurance is available."

Talmadge noted that in his own State of Georgia, only 44 of 159 counties are included in the Federal crop insurance program at the present time. He has urged the U.S. Department of Agriculture to extend

coverage to 12 additional counties next year.

Talmadge said the development of new disaster legislation is "priority business for his Committee." He noted that the disaster payment provisions of the Food and Agriculture Act of 1977 will expire with the 1979 crop year unless extended by Congress. The Administration proposes a one-year extension of those provisions in the interim before its proposed program would begin operation.

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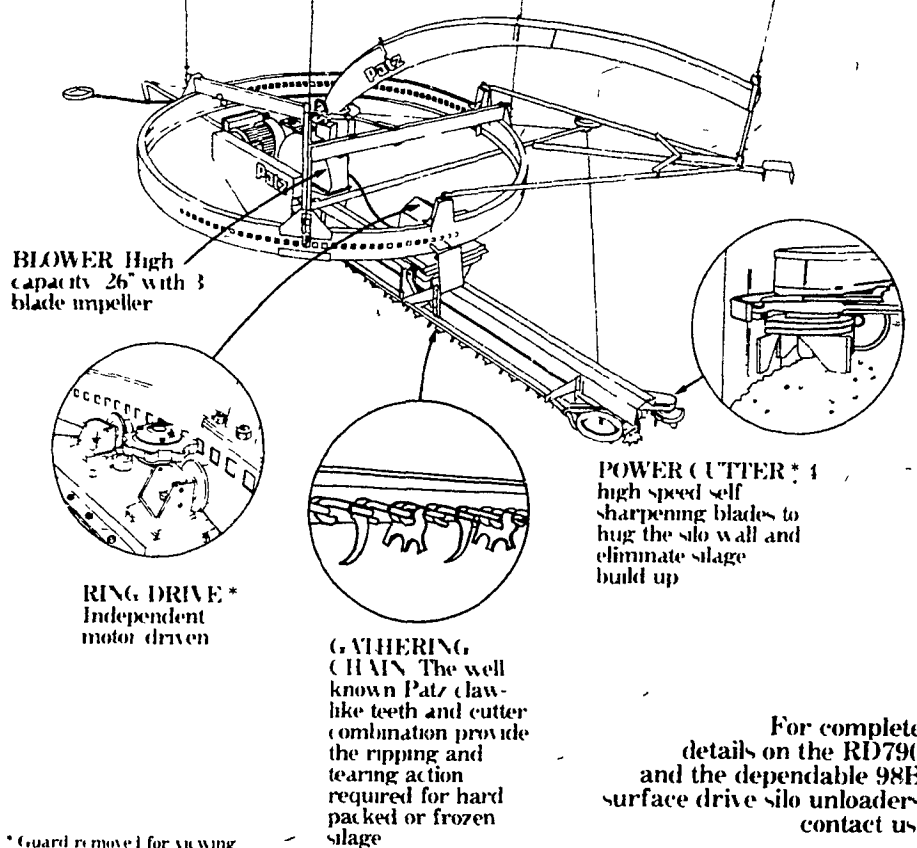
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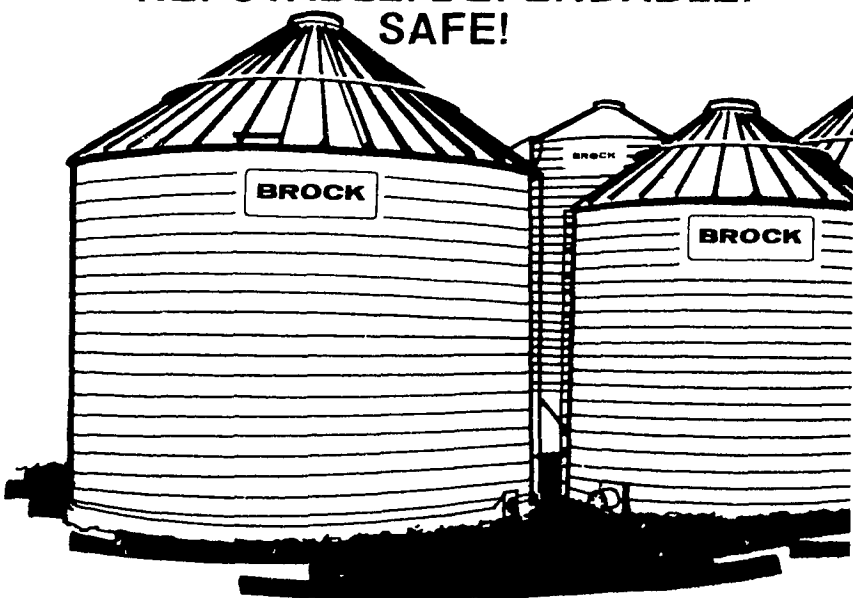
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Cloister FFA

(Continued from Page 42)

reported that Tim was excellent in the repair and maintenance of farm machinery. He was also awarded a gold medal in the state record book competition for his off-farm work experience.

He found wild duck eggs, hatched them and put \$23 worth of feed into them. For this Tim Brower received the fish and wildlife management Foundation Award. Tim, the son of Mr. and Mrs. Harry Brower, Ephrata, then released the ducks. His wildlife project did not go unnoticed, Tim became the first winner from Ephrata in the Wildlife Habitat Improvement contest, sponsored by the Pennsylvania Game Commission. The Pennsylvania Game Commission presented Tim with the Junior Wildlife Conservation Award, which included a plaque and shoulder patch. For his record book in wildlife conservation, Tim, a 10th grader, received a gold medal in state competition.

Clifford Weaver, son of Mr. and Mrs. J. Paul Weaver, Ephrata, was

presented the farm and home improvement Foundation Award. Clifford helped his father put roofs on their house and barns, along with painting. Clifford was also awarded a chain gilt.

Among his five enterprises, Tony Eberly raised hogs, 100 capons and feeder steers. He was presented with the livestock production Foundation Award for his achievements. Tony, the son of Mr. and Mrs. Mahlon Eberly, Denver R2, also received a Keystone Degree pin.

Scott Smith, who raised chain capons, was awarded the poultry production Foundation award. Scott, the son of Mr. and Mrs. Stanley Smith, Denver R2, also received three chain market hogs.

Taking home the Foundation Award in public speaking was Bruce Weaver. Bruce is the son of Mr. and Mrs. Clarence L. Weaver of Ephrata R4. Bruce was also the recipient of 50 chain capons.

Donald Good, son of Mr. and Mrs. Raymond Good, Ephrata R2, was named

sheep production. Donald raised chain sheep. He also judged sheep, and meat, doing well in both. Donald works for Tripple G, a meat cutter. He received a gold medal in the state record book competition for his off-farm work experience at Cloister Dairy. Donald was also presented a Keystone Degree pin.

Soil and Water Conservation was Larry Burkholder's specialty. He received a Foundation Award in this area, Larry has given many speeches on Soil and Water Conservation. He is also a proficient land judge. A Keystone Degree pin was presented to Larry.

Grand champion hog at Ephrata fair, 25 market hogs this past year, and 128 hogs fed and finished to date, made Ray Good the best choice for the swine production Foundation Award. Ray shows his hogs and kept good records on them. In the two enterprise state record book competition, Ray received a silver medal for his hogs and capon records. Ray was also named the Star Red Rose winner in Agricultural Production. An award that not more than the top seven per cent of the county FFA

membership can compete for. Ray is the son of Mr. and Mrs. Lester T. Good, Ephrata R1.

Tim High was named Foundation winner in the area of vegetable and fruit production. Tim is the son of Mr. and Mrs. Floyd High, Ephrata R2.

National judging team award winners not mentioned include Fred Burkett Jr., son of Mr. and Mrs. Fred Burkett, Stevens R1, and Scott Augsburg, son of Mr. and Mrs. Walter Augsburg, Reinholds R1. Fred and Scott were members of the milk products judging team which competed in Kansas City, Mo. Curt Snively participated in the Ag Mechanics contest which was also in Kansas City. Barry Herman was the second member of the Small Gasoline Engine team which competed in Springfield, Mass.

John Zimmerman, son of Mr. and Mrs. James N. Zimmerman, Ephrata, placed first in the state dairy showmanship contest. He then went on to compete in the national contest in Kansas City. John won a bronze medal in the state record book competition for his dairy herd records. He

Lancaster Farming, Saturday, March 31, 1979—45

raises 21 dairy cows and heifers. John was also a recipient of the Keystone Degree pin.

For his work experience off-farm, Steven Strauss received a gold medal for his record book. Steve, a graduate of Ephrata High School, is employed at the Lancaster Stock Yards. He is the son of Mr. and Mrs. Robert D. Strauss, Ephrata R1.

Marty Hoover and Mel Auker also received gold medals for their record books, both in work experience off-farm. Marty, the son of Mr. and Mrs. J. Harry Hoover, works at Hollinger's Market. Mel, the son of Mr. and Mrs. Reuben W. Auker, Stevens R1, gained his work experience at Hess Brothers Eggs.

Receiving a bronze state medal in the same category was Lyn Beiler, who gained experience by working in a greenhouse. Lyn's parents are Mr. and Mrs. Glen G. Beiler of Akron.

Carrying three enterprises, dairy herd, veal calves and market hogs, Kevin Smoker was awarded a gold medal in the state record book competition. Kevin, the son of Mr. and Mrs. Earl F. Smoker, Stevens R1, was recipient of the Keystone Degree pin. He also received a special plaque for his achievements in dairy judging. For the last two years, Kevin has been first place in dairy judging.

Dairy herd, capon and field corn projects won Mark Weiler a gold state record book medal. Mark is the son of Mr. and Mrs. Eli H. Weiler. Mark also received the Keystone Degree pin.

A silver medal winner in the state record book, three enterprise division was Allen Ackley. Allen raised market hogs, veal calves and field corn. He is the son of Mr. and Mrs. Charles Ackley, Lititz R1. Allen was also a recipient of the Keystone Degree pin.

Judy Zimmerman, daughter of Mr. and Mrs. John R. Zimmerman,

Ephrata R1, received the Keystone Degree pin.

A dairy chain calf was presented to Johanna Gehman. Johanna's parents are Mr. and Mrs. Lester Gehman of Ephrata R1.

A set of three chain market lambs were awarded to Dan Lynch. Dan is the son of Mr. and Mrs. Claude Lynch, Stevens R1.

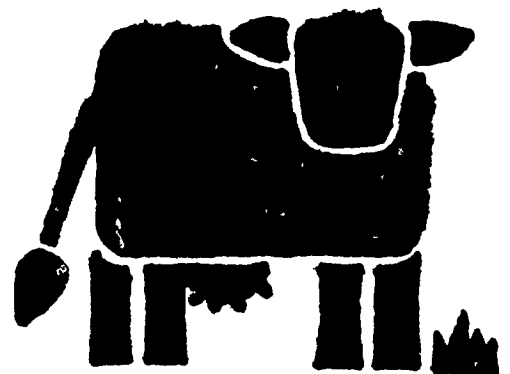
Galen Sauder received a chain steer. Galen is the son to Mr. and Mrs. Christ Sauder.

State proficiency awards went to three graduates. Curtis Martin, who received a \$100 check at the Farm Show, won his award in Agricultural Mechanics. Marty Hoover, also received a \$100 award. His area was Soil and Water Conservation. A graduate who won his regional competition and is now one of the top four winners in the country is John Weiler. John, the son of Mr. and Mrs. Eli Weiler, Stevens R1, won his title in agricultural sales and service.

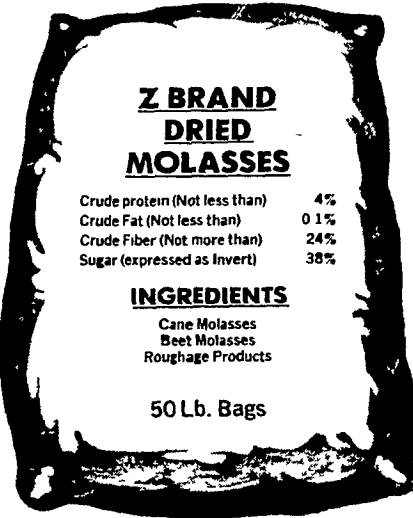
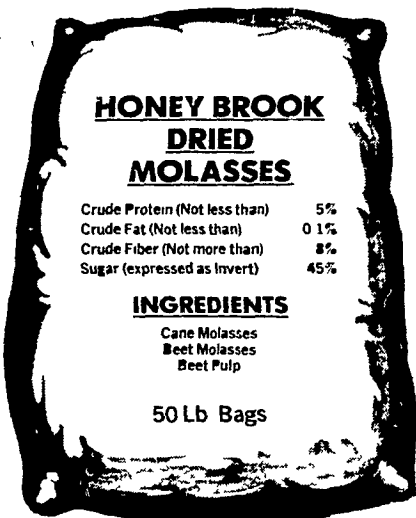
Another special award went to Joyce Gerhart. For the past three years, Joyce has sold close to 300 cases of citrus. She was named high citrus salesman. Joyce is the daughter of Mr. and Mrs. Charles W. Gerhart, Reinholds R1.

Honorary Chapter Farmer Degrees were awarded to the parents of members who received the Keystone Farmer degree. Recipients were; Charles E. Ackley Jr. Raymond Burkholder Raymond T. Good, and Richard W. Fox.

Service Citation Awards were presented. T. Kenneth Emery, manager at Penr Packing Hog Buying Station Green Dragon Market, was cited for purchasing pigs raised by members. Guy Weidman, president of the Baron Stegel Lions Club accepted an award for the Lions who sponsor local chapter teams and a dinner banquet. A slide show of members in their better moments, concluded the evening.



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Conservation awards given in Berks County

SINKING SPRINGS - Among many presentations made during the recent Berks County Conservation Banquet was a presentation to Donald Burger, science teacher in the Governor Mifflin School District. He was named Outstanding Conservation Educator of the Year. Burger received this award for initiating a recycling program at the school. Also receiving an award as the Outstanding Cooperator of the Year was Alpheus Ruth of Fleetwood R1.

The awards were presented by Mark Wolfskill, director of the Berks County Conservation District. Wolfskill also presented awards to Peter F. Norton, Douglasville; Ben Brubaker, of the Rodale Press, Kutztown; Daniel S. Levensgood, Oley; and George S. Troutman, Jr., Myerstown for their outstanding work in conservation as farmers in Berks County.

William Baumgartner, ASCS, presented awards for the Agricultural Stabilization Conservation

Service. Receiving an award for 15 years of office service was Mary Lou Shryock. Awards for 10 years of service were presented to Earl L. Brown, Clarence R. Luckenbill, and Woodrow F. Rothenberger.

Paul Keeney, chairman of ASCS, gave a brief report on the work of his department as did Mary Ann Runby of the County Conservation District.

Highlighting the banquet was the Muhlenburg Jazz Chorus.



Mark Wolfskill, left, presented conservation awards to Donald Burger, center, and Alpheus Ruth.

Fertilizer dealer has management service

GATCHELLVILLE - A York County fertilizer dealer has been chosen to participate in a new crop production program. Maple Lawn Farms, New Park, will be offering Allied Chemical Corporation's Comprehensive Crop Management (CCM) service to their customers this season.

CCM is an extension of soil testing services now used by most progressive growers, according to general manager Paul McPherson.

"Growers participating in the program furnish soil samples, cropping plans and possibilities, yield goals, application preferences, and special management problems," explains McPherson.

This information is then processed to produce recommendations for the individual grower, including best formulations and applications for fulfilling requirements shown by the soil test. Special problems such as irrigation systems or herbicide plans are also considered. The soil test includes levels of primary and secondary nutrients, pH and organic content.

The farmer dealer states that the computerized service was designed by agronomists at Allied Chemical and two of the

leading independent agricultural laboratories in the nation: Harris Laboratories, Inc. and A & L Agricultural Laboratories.

Free study program offered plant lovers

NEWARK, Del. - A free mini-course for plant and nature lovers will be offered Thursday, March 29, at the University of Delaware campus in Newark. Sponsored by the Delaware Cooperative Extension Service, the course will consist of three sessions, all held in room 119, Clayton Hall.

Subject of the morning session (10-11:30 a.m.) is "How to Put Life into Your Landscape." The instructor will be horticulturist Dr. David Frey of the University's department of plant science. During his slide talk he will discuss how to properly plan and enjoy your home grounds.

During the afternoon session (1:30-3 p.m.) John

Linehan, an ornithologist with the U.S. Department of Interior stationed at the University, will give a slide-talk entitled "Welcome Our Wild Birds this Spring." Basically he will discuss ways to make yards and communities more attractive to birds and other wildlife.

The evening session (7:30-9 p.m.) will cover the subject, "Getting the Most Out of Your Garden." Extension horticulturist Dr. Charles Dunham will conduct this session with a slide-talk on how to plan your vegetable garden so that every square inch counts.

The course is open to all individuals. There will be no charge, and no registration is required.



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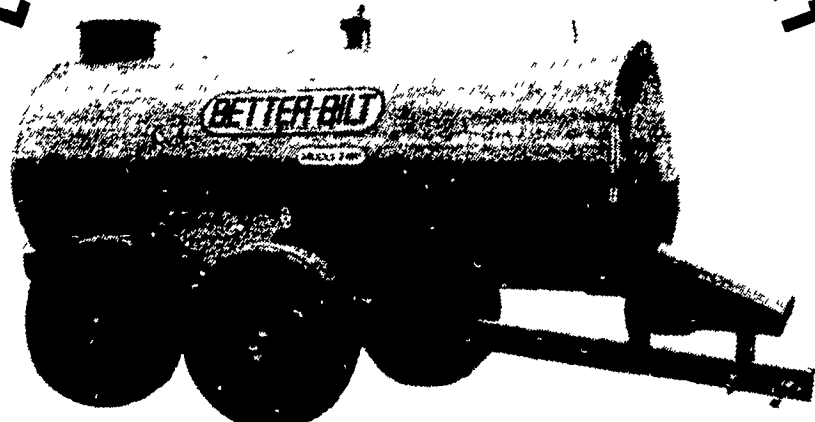
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Weight control gained through food awareness

SOUTHAMPTON — Consumers are concerned as never before about food — its cost, its availability, its safety, and its nutritional quality.

Hand-in-hand with this topic awareness of food is that of a very prevalent condition in the United States — overweight. In fact, says Dairy Council Inc., Southampton, almost half of all Americans over 35 are overweight.

For many Americans, putting on weight is easier than taking it off. In fact, losing weight becomes a nagging, almost obsessive concern. For this reason many people become victims of food fads and fallacies in an effort to

take off weight as quickly as possible.

But no specific food or combination of foods has any special ability to increase the rate of weight loss. Dieters should realize that excess pounds are neither gained nor lost in a few days.

The most important point for would-be dieters to remember is that weight reduction should always be undertaken under a physician's direction — unless the goal is to shed only a few pounds.

Crash diets should be avoided because health is endangered when needed nutrients are omitted; dieters do not stick to monotonous diets, get

discouraged and have a feeling of failure; good eating habits needed to maintain weight are not established.

Exercise is often overlooked in weight control, according to Dairy Council. But research has shown that increased exercise will help an individual to lose more weight and will also maintain muscle tone. In fact, the Food and Nutrition Board recommends "more exercise" rather than severe diet restrictions because of the difficulty of getting essential nutrients. Dieters should remember, however, that exercise programs should also be approved by a physician.

Each pound of body fat is

equivalent to approximately 3,500 calories. Eating 3,500 calories more than used for energy is required to gain one pound. A deficit of 3,500 is required to lose one pound of body fat.

For weight reduction, eating less food to limit calories can also restrict intake of essential nutrients. But the body's need for recommended amounts of protein, vitamins, minerals and some carbohydrates and fat continues, though calories are cut.

An excellent foundation for weight reduction is provided by the recommended servings from the Four Food Groups, which

Differences in rice

MEDIA — Rice is plentiful, reminds Greta C. Vairo, Extension home economist with the Penn State Extension Service. According to label directions, you should get about 13 servings for every pound of rice. Cooked rice may cost less than five cents for a two-thirds cup serving, depending on price. With today's prices, it's hard to find a labeled long grain or short

supply adults with about 1200 calories per day.

Daily recommended number of servings from the milk group, 2; from the meat group, 2; from the fruit group, 4; from the grain

grain. Understanding the difference between the two will help you serve rice in the most attractive form for the dish you prepare.

Long grain rice has grains which are four to five times as long as they are wide. When cooked, long grain rice is light and fluffy with grains that tend to separate. Long grain rice can be served as a starchy vegetable in place of corn or potatoes. It's a good choice to serve with meat, fish or poultry.

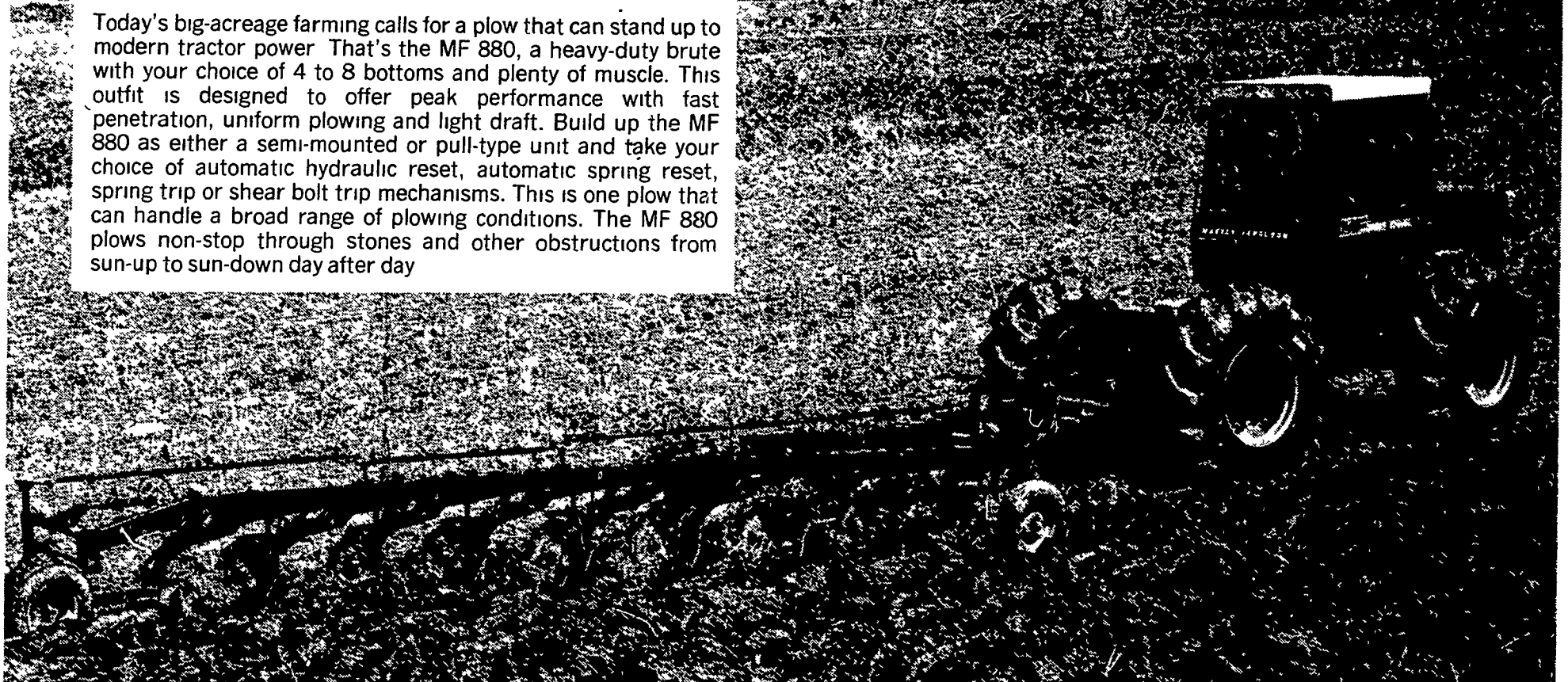
Short grain rice has grains only half as wide as long. When cooked, the grains tend to stick together. It is well suited to dishes where clinging is desired such as in croquettes, meat or fish loaf, stuffings, rice rings and rice pudding.



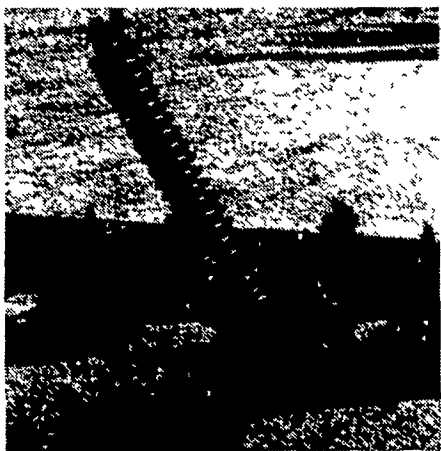
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Berks Co. farmers president blasts inflation

By LAUREL SCHAEFFER
Staff Correspondent
VIRGINVILLE - "Inflation rules the poor, it stifles business, and it is bankrupting farming!" says Jack Kooker, president of the Berks County Farmers' Association.

Addressing those attending the annual meeting of the Berks County Farmers' Association, Kooker explained the stand taken on inflation by several members who had just recently returned from Washington, D.C., where they met with various congressmen. "We believe that government-fed inflation is a bigger problem than any other economic or social problem facing the citizens of our great Nation" he continued.

Offering a solution, the county association president recommended balancing the federal budget and limiting government spending. "It's not a crime to expect - no demand, that our government live within it's means, Kooker stated. "But," he added, "it is crime to steal from people through careless use of their monies, entrusted to Congress as their representatives if inflationary spending programs are promoted."

Kooker also briefly highlighted the other area discussed with the congressmen at the annual dinner meeting held March 16 at the Virginville Grange, here. These areas were: 1.



Berks County farm leaders are, left to right, Jack Kooker, Ernest Heckman, and Mr. and Mrs. Barry Shipe.

guidelines for preventing pollution from farming operations, 2. marketing and bargaining legislation, 3. reorganization of the Department of Agriculture, 4. repeal of the carryover basis provisions of the Tax Reform Act, 5. Delaney Clause Amendment to the Food and Drug Act, and 6. imports of agricultural products.

Other business of the meeting included the honoring of eleven farm families who hosted farm visits during Farm-City Week last Fall. Recognition was also given to the many members who worked on this year's membership drive. An all-time high record of 1063 members was achieved through their diligent efforts. New

members attending the meeting were acquainted with the programs and services offered by the organization and to the objectives of the County Association.

Highlighting the evening was a slide presentation by board member, Ernest Heckman on his recent trip to China.

Berks Countian attends food conference in Cairo, Egypt

LEESPORT - Gery J. Fisher of Oley R1, attended the World Youth Congress on Food and Development in Cairo, Egypt. The Congress is sponsored by International Youth Secretariat on Family Welfare and Development located in Cairo. The planning committee consists of 13 cooperating organizations from throughout the world.

Fisher attended a day of orientation and briefing in Washington, D.C., and then departed for Egypt, March 20th.

Participants attending the Congress in Cairo, March 23-30, will be interested in agriculture, food and development, and issues related to them, says Melvin J. Thompson, director, International Programs, The National 4-H Council.

A graduate of Delaware Valley College of Science and Agriculture, Fisher is presently Agronomy Department manager for the Montgomery-Bucks Farm Bureau at Souderton.

The son of Frank S. and Hilda Fisher of Oley, Berks County, Fisher is not new to foreign travel. He served as a 1970 delegate to Iran on the International Four-H Youth Exchange Program (IFYE). IFYE is one of several 4-H international programs conducted and coordinated by the National 4-H Council

on behalf of the Extension Service and the U.S. Department of Agriculture.

Fisher grew up and worked as a youth and college student on the 155-acre family farm, was a 4-H member 10 years, and held many offices in 4-H and

other organizations both in high school and college.

"To be invited to serve as a representative of our country in an indepth cross-cultural experience involving developing nations means that all of us can be

equally proud of his accomplishment," says Mae D. Bleiler of the Berks County Cooperative Extension Service and Henry T. Moon, Pennsylvania 4-H International program leader at The Pennsylvania State University.

Feed truck drivers honored

PHILADELPHIA - The Pennsylvania Manufacturers' Association Insurance Company will grant safety awards today to 44 drivers for the Pennfield Corp. and its D. E. Horn division at a banquet to be held at Indian Springs Country Club in Mountville.

Pennfield's fleet manager, Michael Horn, will make the presentation before an audience of more than 100 truck drivers and their guests. Also in attendance will be Robert Graybill, president of Pennfield Corp., and Thomas Troutman, loss prevention representative for PMA.

The Pennfield drivers being honored are. Mervin

Boll, Harold Hess, Eugene Snavelly, Richard Bireley, Clarence Engle, Lloyd Finkbiner, Norris Geib, Walter Gladfelder, Benjamin Glick, Gerald Hess, Carl High, Rick Judd, Robert Lindenberg, Harry McMinn, C. Mervin Miller, J. Dennis Myers, Paul Rohrer, Reuben Ruppert, David Sentz, Harry Thompson, Nelson Wagner, Jeffrey Witmer, Amos Eberly, Paul Frey, Ray Koller, Daniel

Leid, Paul Miller, Paul Andrews, Charles Fetrow, Curvin Fetrow, David Ruppert, Steve Hunt, Mark Kopp, Bruce Lightner, Raymond Schrum, Reuben Lauer, Philip Sellers, Lynn Meyers, Bruce Bryam and Vernon Witmer.

The D. E. Horn drivers being honored are: Robert Warner, Truman Grim, William Miller and Keith Sechrist.



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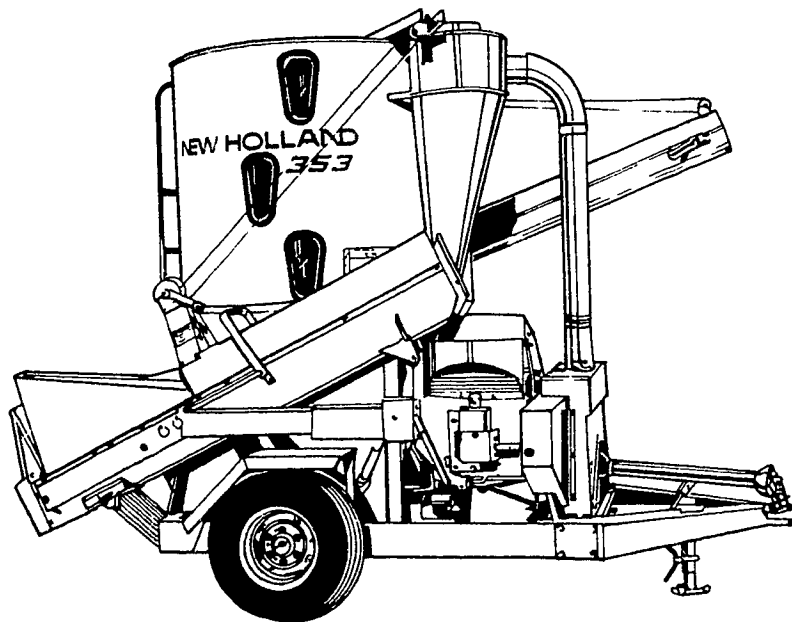
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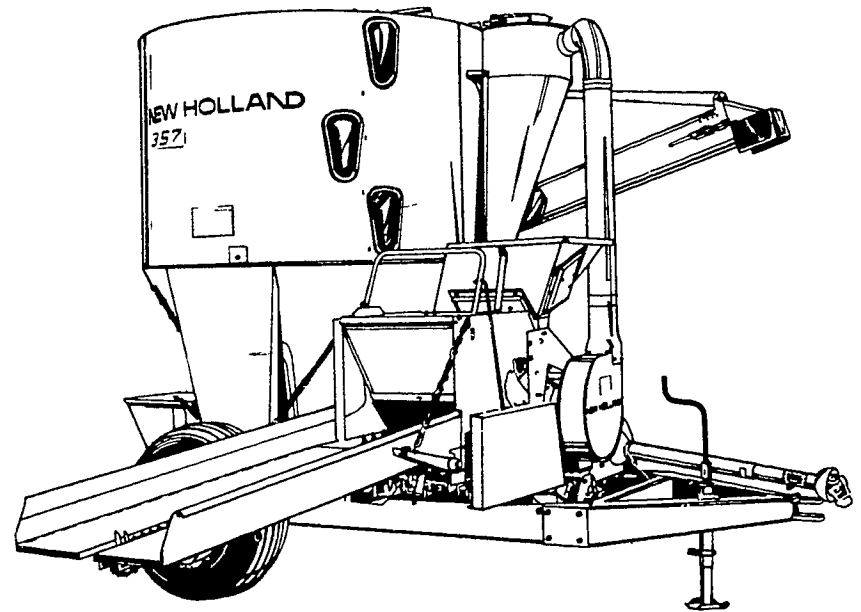
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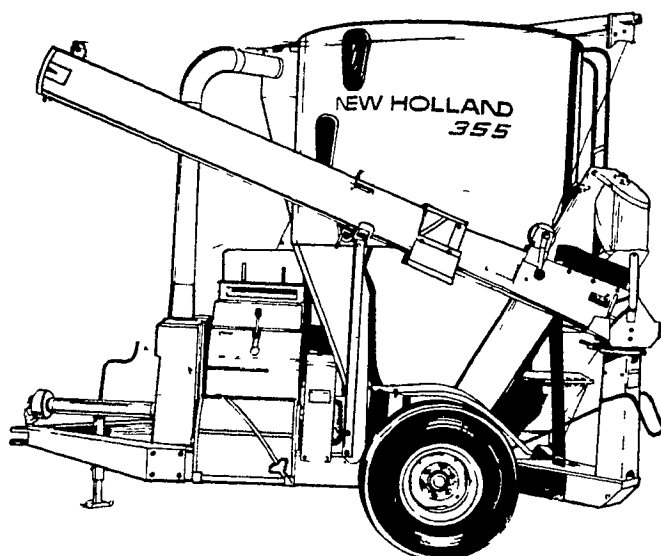
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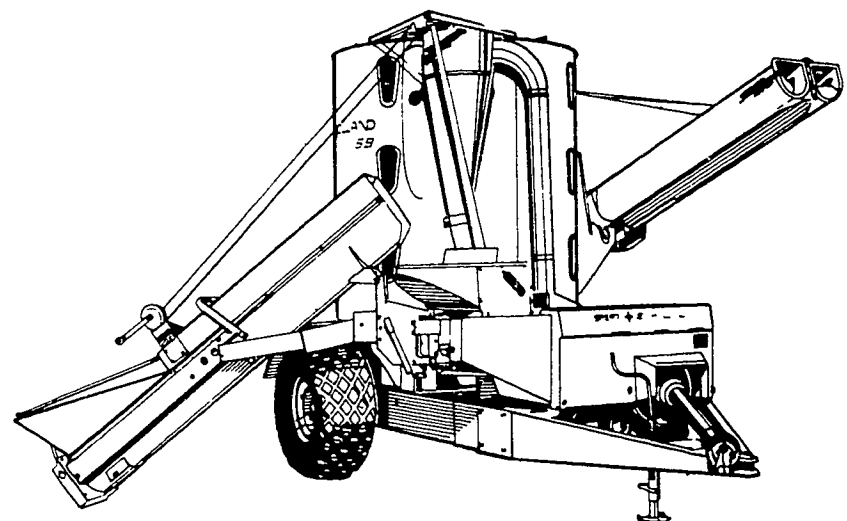
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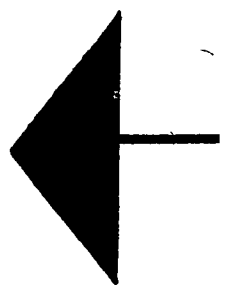


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Virus tested as insecticide at Penn State

UNIVERSITY PARK — An insect virus has been found effective in killing larvae of the tufted apple budmoth, one of the worst pests invading orchards of the Appalachian region, it was reported recently. The virus is being tested to replace chemical insecticides, says Dr. William M. Bode of The Pennsylvania State University's Fruit Research Laboratory at Biglersville, Adams County.

Sprayed into experimental apple orchards last Summer, the virus killed budmoth larvae within two to three weeks from time of infection, Dr. Bode announced. Apples from virus-treated trees were equal in quality to apples from insecticide-treated trees.

While presently difficult and costly to produce, such insect viruses have advantages over chemical insecticides, Dr. Bode said. The viruses are very safe to use since they infect only a small number of closely-related insect species, in this case the tufted apple budmoth and the variegated leafroller.

"Other harmless insects, including beneficial predators and parasites — and animals including humans — are not affected by the virus. In addition, there is no contamination of the environment since most of the virus is quickly inactivated and degraded," he affirmed.

In general, the tufted apple budmoth has been more difficult to control than other

apple pests as the codling moth and the redbanded leafroller. This means that orchards must be sprayed more often and closer to harvest time than for other pests, it was pointed out. Where trees at the Fruit Research Lab were not sprayed, 24 per cent of the apples were damaged by larvae of the tufted apple budmoth.

The virus used in the experiments is "manufactured" at the Biglerville lab. Hundreds of tufted apple budmoth larvae are reared on an artificial diet of lima

bean meal, brewer's yeast, and vitamins. Ten-day-old larvae are infected with virus and then about three weeks later the dead larvae are collected by researchers with the Agricultural Experiment Station.

"Each dead larva yields enough virus to kill about 10 million more larvae. The virus is field tested by adding it to water and spraying it onto apple trees," Dr. Bode stated.

And he noted that insect control with viruses is not a new idea. One virus, for example, is licensed and produced commercially in the

U.S. to control bollworm on cotton.

"While the virus has been effective in our research, we still must determine whether it can be used successfully by large numbers of apple growers," Dr. Bode cautioned.

Now the Penn Staters are looking for other beneficial insects which parasitize eggs and larvae of the tufted apple budmoth. Identification

of some useful insects has been made by a graduate student, Robert Koethe of Landsdowne.

"While the extent of biological control is generally low in commercial orchards," Bode noted, "we hope to encourage such developments by using low rates of insecticides, thus protecting beneficial parasites and predators," he suggested.

Other research on tufted apple budmoth aims at making insecticides fully efficient by timing sprays with pheromone or sex lure traps. The pheromone traps can detect pest insects and can show the times during the season when pests are active. The goal is to apply insecticides only at times and in amounts that will do the most good — without using too much or too little.

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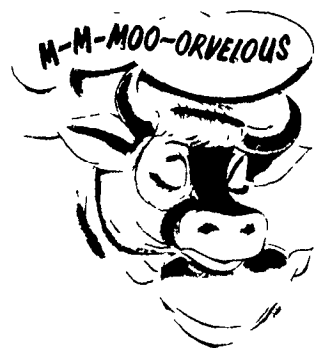
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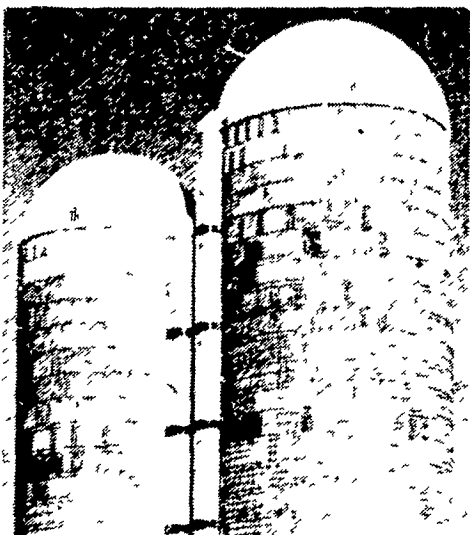
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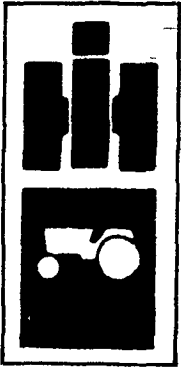
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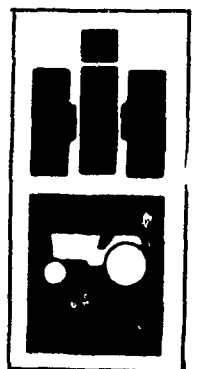
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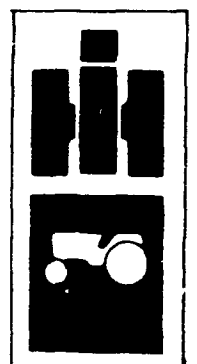
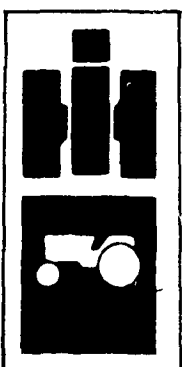
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Herbicides change weed control

Anyone growing up on an Ohio farm during the period when horses were still used to till the soil can see the revolution in crop production caused by the development of modern herbicides. During the period, prior to 1940, the typical family farm probably produced only 30 to 40 acres of row crops each year; this was all the family could handle. Capacity to produce row crops was partly limited by power available to till the soil. Another limiting factor was the need for timely operations, a week of rain at the wrong time could permit the weeds to win the race with the cultivator — and the crop.

Tillage and other cultural practices used to produce corn during the 1930's and 1940's included moldboard plowing, disking two or three times, and dragging the soil to produce a fine, firm seedbed. If there was any question about whether or not the soil had been worked adequately, another trip was made with a tillage tool. If rain interrupted the seedbed preparation process, the soil was worked again before planting.

At the time, of crop emergence, the soil was often harrowed lightly to kill emerging weeds. Soon after crop emergence a rotary hoe might be run over the field to uproot seedling weeds. The soil was cultivated on average three times after crop emergence and with check row planting this often meant at least six trips over the field. Children pulled or hoed weeds in the row after the crop was too tall to permit the use of riding cultivator and a walking one-row cultivator was often used for the final cultivation after the crop was as much as four feet or five feet tall. Major weeds present in cornfields during this time included quackgrass, Canada thistle, pigweed, ragweed, lambsquarter, foxtail, and smartweed.

All this tillage effort was necessary for satisfactory control of weeds, and, in turn, satisfactory crop production. In the mid-1940's an Ohioian, E. H. Faulkner, published his book "Plowman's Folly," advocating the use of disking rather than moldboard plowing. This method of crop production was not too well received at the time and lack of satisfactory

weed control was a major problem for those who tried to use it.

In the 1930's and early 1940's, the few herbicides available were mostly soil sterilants such as sodium chlorate. There were used to suppress or eradicate deep rooted perennial weeds, such as Canada thistle, that were not effectively controlled by tillage. The first selective herbicide used extensively for corn production was 2, 4-D. This herbicide was introduced in the late 1940's and made life easier for farm youths because now the sprayer could be used to remove broadleaf weeds growing in the crop row. Later, 2, 4-D was used preemergence to the crop and controlled emerging broadleaf and grass seedlings for a short period until the crop was large enough to cultivate. This made timing of the first cultivation less critical.

During the past three decades, a succession of herbicides has been developed and approved for use on corn. The Weed Science Society lists over 150 different herbicides and well over 20 of these are approved for use in corn. None are perfect in providing control of all weeds for the entire growing season. Thus, combinations of herbicides has been developed and approved for use on corn. The Weed Science Society lists over 150 different herbicides and well over 20 of these are approved for use in corn. None are perfect in providing control of all weeds for the entire growing season. Thus, combinations of herbicides are routinely used to expand the spectrum of weeds controlled by the herbicide spray. Herbicides can be selected to control most, if not all, the major weeds in corn. Materials and rates selected should be tailored to the specific problems in the field.

Some of the changes that have taken place in crop production practices and the farming operations during the period following the introduction of selective herbicides include:

Amount of tillage. Less, much less, soil preparation is used prior to planting. Faulkner's method of crop production is now practical and is being used by an increasing number of farmers. One trip for seedbed

preparation following plowing is common.

Cultivation after crop emergence. This is often limited to one or two trips through the field. A growing number of producers do not cultivate at all after crop emergence. Available herbicides provide season long control of weeds.

Farm size and row crop acreage. Both have increased many times. Partly this was made possible through the use of larger equipment. Also important, is that the timing of weed control with herbicides is less critical.

Yields have doubled. Herbicides have contributed to this both by reducing competition from weeds and by permitting changes in cultural practices such as narrow row planting.

Ranking of important weeds has changed. No one needs to have quackgrass or Canada thistle in his fields if he does not want them. Annual broadleaf weeds, such as ragweed, pigweed, lambsquarter, and smartweed that there once major problems, are easily controlled. Now we have problems with such weeds as fall panicum, artichokes, milkweed, hemp dogbane, nutsedge, and Johnsongrass. These weeds were present in the past but were eclipsed in importance by others.

Successful weed control is most often accomplished through a variety of practices. Tillage with the plow, the disk, and the cultivator very effectively destroys many weeds growing at the time the operations are performed. Application of herbicides to control weeds missed by tillage or emerging after tillage is used to effectively control most weeds for the entire season. The resourceful producer understands the strengths and weaknesses of the tillage and herbicide tools available to him and selects those that will best meet the needs of his particular set of circumstances. Weeds emerging from seeds usually require different control measured than established perennial weeds.

Herbicides vary widely in their mode of action, residual life in the soil, crop tolerance, effectiveness in

control of emerged weeds, suppression of seedling emergence, and application requirements. Some herbicides must be applied very precisely and with careful timing to be effective, while with other more latitude is possible in the application. Several times of application are available to grower:

Postemergence — Both crop and weeds are present in this case and selectivity is necessary. That is, the crop must be tolerant of the herbicide and the weed susceptible. In some instances, the herbicide is directed onto the weeds and away from the crop to minimize injury. The herbicide may have little or no residual life in the soil to control weeds emerging after application. Some postemergence herbicides may be translocated and can be effective in control of deep rooted perennials. An example is 2, 4-D.

Preemergence — This is

when herbicides are applied to the soil surface, usually after planting, but before crop emergence. The herbicide kills weed seedlings as they emerge or prevents seed germination. Rain after application, but before emergence of the weeds and their growth beyond the seedling stage, is often necessary for these herbicides to perform effectively. In many cases, preemergence herbicide were ineffective in 1977 because of low rainfall at planting time.

Pre-plant incorporation — This is when herbicides are applied to the soil and mixed into the surface layer before the crop is planted. Pre-plant incorporation (PPI) most nearly approaches being a weatherproof practice as any method of herbicide application; rainfall after application is not needed to activate the herbicide. PPI herbicides control weed seedlings and include some of the most

effective materials for the control of nutsedge and rhizome as well as seedling Johnsongrass in corn. Both these weeds remain major problems in certain areas in Ohio.

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Alfalfa hay was baled in the 23 per cent moisture range. The hay was weighed initially and checked for moisture. After two months of storage the hay was again weighed and checked for moisture. In this way weight and dry matter losses were determined for control (untreated) hay, Silo-King treated hay and Silo-King plus treated hay. The following table gives the moisture at the time of baling, the weight loss of each treatment expressed as a percentage of the initial weight, and the dry matter loss expressed as a percentage of the initial dry matter content.

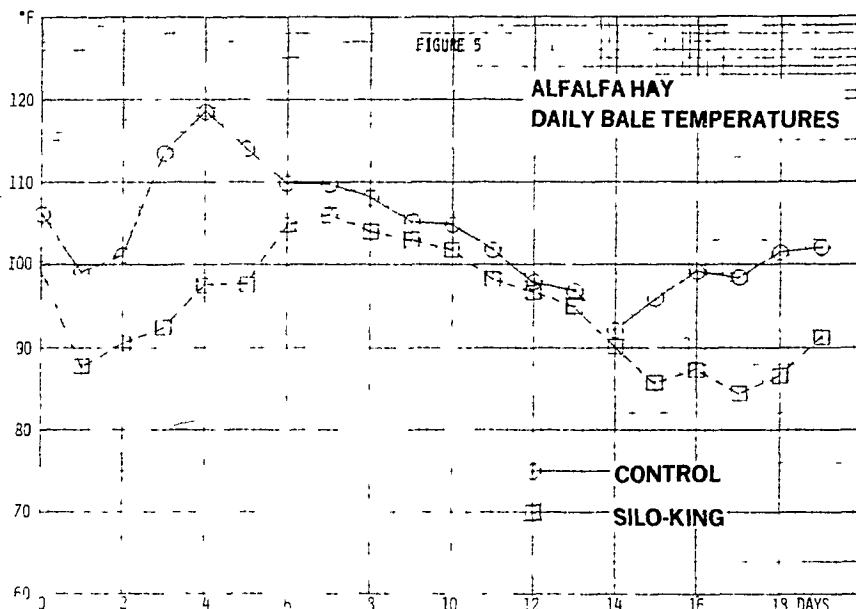
Alfalfa Hay Test

Treatment	Moisture	Weight Loss	D.M. Loss
Control	23.6%	26.6%	15.7%
Silo-King	22.2%	16.1%	4.5%
Silo-King Plus	22.6%	13.6%	1.0%

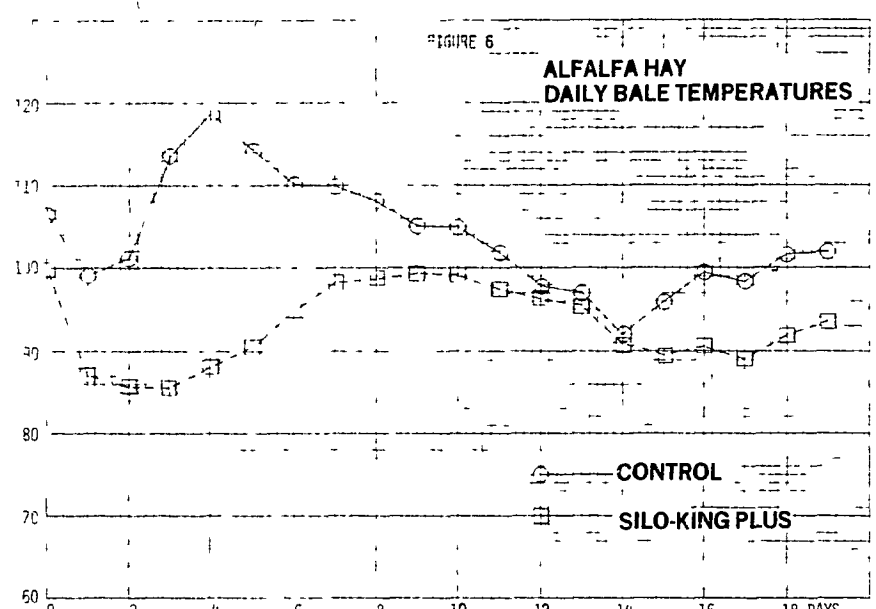
It should be noted that the control had 3.5 times the storage dry matter loss of Silo-King and more than 15 times the storage dry matter loss of Silo-King Plus. Visual examination of some opened bales in each treatment indicated a considerable amount of spoilage throughout each of the control bales, while spoilage was minimal in the Silo-King treated bales and almost undetectable in the Silo-King Plus treated bales.



Dr. Martin Vogel



The temperature of each stack of hay was recorded daily. The temperature profiles of the three treatments revealed a definite reduction in heating in the Silo-King and Silo-King Plus treated hay. A plot of days of storage versus temperature for Silo-King and a control is shown in figure 5 and for Silo-King Plus and a control in figure 6. To be noted from these graphs are the temperature



differentials between the control and the treated hay during the first six to ten days of storage and also after the 14th day. Heating during the initial stages of storage can cause heat damaged protein while during the latter stages of storage heating may indicate excessive dry matter losses.

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Whiteflies controlled with sticky yellow boards

BELTSVILLE, Md. — White-flies, a major insect pest of greenhouse crops and often a problem for home gardeners can be controlled with sticky yellow boards, say scientists of USDA's Science and Education Administration (SEA).

In experiments of SEA's Beltsville Agricultural Research Center in Maryland, Entomologists Ralph E. Webb and Floyd F. Smith showed that home owners and small-scale growers of greenhouse crops could use the boards to keep whiteflies away from a variety of plants.

Actually not a fly, but related instead to aphids, mealy bugs and scale insects, the tiny greenhouse whitefly, *Trialeurodes vaporariorum*, is one of the most difficult of agricultural pests to control. It attacks most greenhouse crops.

According to Webb and Smith, the only effective insecticides against whiteflies are pyrethroids—high-priced synthetic substitutes for a natural insecticide extracted from pyrethrum plants. However, since 1970, Webb and Smith have kept the troublesome whiteflies away from experiments on other types of insects by taking advantage of the whitefly's natural

attraction to the color yellow. Near plants used in their research, the insects biologists arrange small plywood boards, painted yellow and covered with a sticky, transparent substance.

The boards have consistently trapped and held whiteflies so well that the scientists designed special experiments to test the idea. Each experiment was conducted in a separate 12-by-12-foot greenhouses.

In one experiment, Webb and Smith placed one-foot square boards between tomato plants infested with whiteflies. Each day thereafter, the boards trapped 25 per cent of the adult whiteflies until the infestation was under control.

In a second experiment—on infested chrysanthemum plants—twelve boards evenly dispersed among the plants eliminated adult whiteflies in 48 hours.

In a third experiment, the scientists demonstrated the use of sticky, yellow boards with another non-chemical control method—a parasitic wasp called *Encarsia formosa*, which is a natural enemy of the whitefly. The combined methods provided virtually complete control of whiteflies in the greenhouse. While the parasites attacked and killed immature whiteflies, the boards trapped adults. (*E. formosa*

is sold as a control agent for whiteflies in Canada, England, Holland and Norway, but is not yet commercially available in the U.S.)

Smith attributes the success of the yellow boards to the restless nature of whiteflies. As they fly from leaf to leaf, they are distracted by yellow and become stuck on the surface of the boards. The insects are attracted from several feet and, when infested plants are shaken, most adult whiteflies dart to the boards "like iron filings to a magnet," say the scientists. The best use of the boards, they say, is for keeping uninfested plants from getting whiteflies, rather than for controlling "roaring populations."

The yellow boards in the USDA experiments were painted with Rust-Oleum 659 Yellow, but other deep orange-yellow paints also would be effective. Of the many sticky substances tested, Webb found that Tack Trap, a commercial insect trapping compound, is the best. (These products are mentioned only as part of the research, and are not recommended by USDA over other products.) Smith found that heavy motor oil (SAE 90) is also an effective trapping material and that it

is easier to wash off the boards than Tack Trap. The oil was used in most of the experiments reported here. Smith, working with SEA

agricultural engineer Richard Dudley, designed wire cages for the yellow sticky boards. The cages prevent people and plants from contacting the sticky material, but do not interfere with the effectiveness of the yellow boards.

Continued growth necessary for poultry industry

NEWARK, Del. — The poultry industry is considered the most productive and efficient facet of agriculture in America, says Delaware Extension poultry specialist George Chaloupka. This efficiency enables poultry producers to realize acceptable levels of profit while keeping retail prices relatively low. As a result, consumers are buying more poultry. Eleven years ago Americans ate 32 pounds of poultry per person, while today that figure has increased to 45 pounds per person.

But as governmental regulations and other factors add to the poultry producers' costs, the industry must act to keep profits high enough.

Chaloupka tells of several kinds of action recommended by Edward Covell, Jr., National Broiler Council Chairperson of the Board, at the 1978 Delmarva Poultry Nutrition Short Course. These actions include: supporting agricultural research; speaking out about governmental regulations; adopting cost-cutting management practices and innovative marketing techniques; increasing production; and finding new markets.

Expanding production enables producers to spread their fixed costs over more pounds marketed. Producers can increase output in a given facility by using improved and more automated equipment: by

increasing line speeds, which are now essentially tied to the USDA inspectors' allowed rate of inspection; and by double-shifting operations.

Shortening the time required to produce a broiler does the same job in another way, allowing the production of more flocks per year in a given grow-out house.

Producing heavier birds also spreads more pounds of poultry over the same fixed costs. In the past the drawback to this approach had been the consumer preference for smaller birds. Now, however, with more cut-up birds and pre-packaging, the size consideration is no longer such a significant factor.

The trend toward marketing cut-up and pre-packaged birds is advantageous for still another reason. These services add value to the poultry producer's product. This could be especially important in a loss market, when producers marketing only ice-packed whole birds would feel the market pressure earlier and more severely than those who had added value and services to their products.

Developing nations could provide new markets for the U.S. poultry industry. Exporting finished red meats and poultry rather than feed grains would create greater positive impact on the U.S. economy. The grain industry

would not be hurt by this change because domestic demand for feed grains would increase. Each new 20,000-capacity chicken house is a market for 145 acres of corn annually, in addition to the soybeans needed to process the meal.


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Dealer & Licensed Applicator

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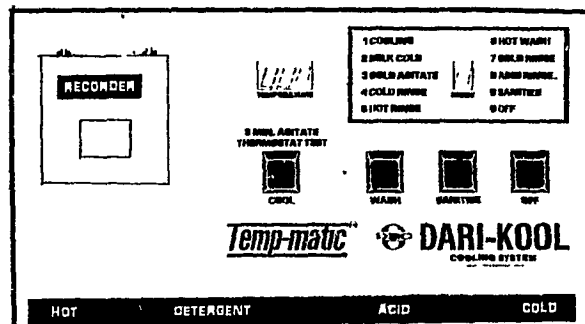
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- Built-in warning system - A horn or light warning signal is given when milk temperature raises two degrees or when milk temperature drops to 34 degrees.
- Built-in automatic washer.



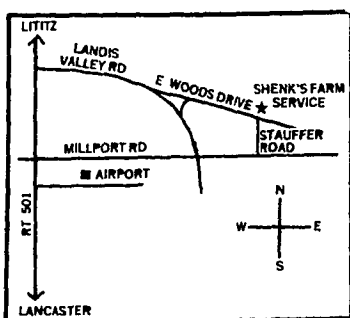
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FARM EQUIPMENT

For Sale - New MF 1085 8 speed tractor w/cab & air. PH: 717-943-2304.

For Sale - JD 205 Gyramor mower rotary chopper with cylinder, like new. 717-589-3320.

For Sale - Farmall M tractor, Farmall Super A with cultivator, Farmall cub with cultivator, no hydraulic, NI 12A spreader, like new, 206 NI spreader, 324 NH spreader with PTO, Int. 56 planter with disc openers and insecticide boxes, 494A JD planter with insecticide boxes. Harold L. Sample, Rt. 1, New Providence, PA 17560. 717-786-3087.

For Sale - MF 40 tractor, loader backhoe, MF 265, Int. 826 with duals, MF 175, MF 811 skid steer, M Gleaner combine with corn head. Zechman's Farm Supply 717-374-7231.

For Sale - JD model 246, 3 pt. hitch, 2 row corn planter, S. Jersey area. 609-935-3720.

FARM EQUIPMENT

For Sale - 1 JD Model M tractor with 7' grass mower, single row cultivator. 1 16" single bottom plow. Liquid fertilizer attachment for AC no-till corn planter. Everett Wisser, 215-679-2268.

For Sale - Stover Oliver hammermill, 67A metal feed bin & mixing hopper. (2) 4" feed augers, 10' & 15'. Make offer. PH: 215-679-8382.

For Sale - Outside calf hutches with metal roofs. Also taking orders for bale thrower wagons with 6-8-10 ton running gears available. Plywood feed bins, will deliver & install, woven wire fencing. Stoltzfus Woodwork, R.D. 2, Box 2280, Gap, Pa. 717-442-8972.

For Sale - AC 6 row corn planter, can be used as 4 row, openers - disc, fertilizer and shoe corn, need a good person to help on beef farm. Dotterer Farms, Mill Hall, PA 717-726-3659.

For Sale - 5 elevated calf stalls \$55 each, 4 AC fertilizer openers \$70 each, 3 pt. hitch for JD 60 \$275, Mifflin Co. 717-667-3105.

For Sale - 706 diesel tractor, 2 model 32H Robins Incubators, approx. 5 tons straw, approx. 25 tons hay. 717-463-3547.

For Sale - 1970 Int. diesel, 250 Cummins engine, \$16,000, backhoe 3414 diesel \$8000. 717-566-2780 or 533-2780.

For Sale - Poll barn, 40 x 200 x 18. 4 yrs. old in good condition to be moved. Also 2 Terre Hill silos, 1 12 x 50, & 1 18 x 60. South of Reading. 215-856-7153

Wanted - Patz barn cleaner, must be in good shape, counter clockwise. 717-253-4137.

For Sale - 9 ft. Glencoe soil saver \$3749, 300 gal. Walsh sprayers, \$1157, up, 6 ton electric wheel wagons \$399, 8 ton electric wheel wagons, \$519, Hess Welding Shop, Liverpool, PA on Rt. 104. 717-444-3958.

FARM EQUIPMENT

For Sale - 1,000 Gal oil tank, in good condition. John S. Stoltzfus, Box 352, RD#1, Kirkwood, Bartville Rd

FOR SALE: JD 1460 plateless No Till corn planter. Dry Fertilizer, Cross Auger, Gandy boxes, very good condition. 3 pt. hitch tractor sprayer with saddle tanks, 720 gal. Hyd. 40' booms. Excellent condition. 215-262-5079.

For Sale - 1715 IHC combine with 13 ft. grain head & 4 row corn head. Richard C. Ruff, Box 23, Airville, Pa. 17302. 717-862-3351.

For Sale - 966 IH tractor, 1 set of 4-row rear mounted cultivators. 302-398-3401.

For Sale - Pittsburgh 416 semi mounted plows, hydraulic landside hitch, used less than 40 acres. 301-592-2702 Baltimore Co., MD.

For Sale - 6 row White no-till corn planter with air, monitor, markers, liquid fertilizer, used on 450 acres, 2 yrs. old. \$5500. 301-582-0751.

For Sale - Farmall M tractor with wide front, new rubber on back, new paint 717-933-8713 Berks Co.

For Sale - 8000 Ford tractor, new rubber, dual wheels, turbo charger & cab. Asking \$10,900. 717-859-2324.

For Sale - AB 8B Farm fans dryer, used 2 seasons. 1/2 of new price. Asking \$3900. 717-859-2324.

For Sale - Forester tree planter, plants 1500 trees per hour, 3 pt. hitch, excellent condition, over \$1200 new, price - \$650 firm. Call Gary Coles, 215-398-2290 or 215-398-2559.

2-550 International 16" automatic reset plows with side hill hitch, 4 bottom and 5 bottom. 717-289-4168.

For Sale - New Zimmerman elevators - Pequea hay tedders - Smucker stalk choppers. Melvin Stoltzfus, Box 80, Rebersburg, Pa. 16872.

For Sale - Int'l 400 Air Corn Planter w/insecticide, No-Till, monitor, dry fertilizer (planted 100 acres) like new \$4,900. Robert Sigel, Fulton County, Phone 717-294-3349.

Wanted - Complete 2 pt. fast hitch for Int. 450 or 560, wide front end for Int. Super M. 717-463-2628, Ralph Bashore, RD 2, Box 297, Mifflintown, PA 17059.

Cat D2 wide gauge wanted dead or alive, also blade or scoop. Wagner 215-378-7002 days, 215-756-6939 eves.

For Sale - New Idea fertilizer spreader, 2 ton capacity, PTO drive. 717-966-1274.

For Sale - JD 3020 D, wf, diff. lock, wts. PH: 717-284-4505.

For Sale - Int. #8 3-14" trailer plow, JD 4-14" trailer plow, spring trip, 717-365-3562 after 5 p m

For Sale - MF 275 high clearance with multi power, 270 hrs Also Brillion 14' cultipacker 717-866-6655

For Sale - John Deere 11' BWF Tandem Disc Harrow, spring loaded flex, very good condition \$1900 13' heavy Dunham cultipacker with transport, excellent condition \$1000 717-653-5936 or 1826.

FARM EQUIPMENT

For Sale - IH 4000 as is at - with 33A loader, IH #311 + IH #412 (3 + 4 bottom F/H trip beam plows), NH #4 7 ft. mower. Luzerne 717-788-2865.

For Sale - New 2 row JD custom build Maxi-merge corn planters, Gideon F. Stoltzfus, RD 2 Box 2276 Gap, PA, 2 miles North of Gap on Rt. 897, Lancaster Co.

For Sale - Farmall M, good condition, 215-965-6363.

For Sale - 20 x 27 Harvestore with sweep arm unloader. 703-337-3309.

For Sale - JD 3020, side/console, power-shift, W.F., Diesel, like new tires, extra clean; 3020 Diesel, W.F., powershift; Case 830 Comfort King, W.F. Diesel; Wash. Co.; 301-582-1927.

For Sale - Farmall A Power lift with cultivator. Good condition with mower. Spring harrow, \$1575.00. Farmall Super A - overhauled, new paint, with 2 plows and cultivator, \$2875. 1968 Chev. Van, \$1095. Call after 4:30 p.m., 215-445-6690.

For Sale - IH No. 55, 3 bar, 11 tooth Chisel plow, \$300. JD No. 68 auger wagon, 125 bu., tire size 8.25x20, \$700. Crimper hay tedder, Model C. Fox Forage blower #0656, used 1 season, \$800. Hay pickup for NH chopper #880 or 890, \$700. Ph: 215-486-0972.

For Sale - 12 ft. Int. #7 fertilizer spreader with seeder, very good, Also 6 1/2 ft. offset deep cut disc. Emory Downs, Airville 717-862-3367.

For Sale - IH No. 10 3 pt. semi-mounted 13 double disc combination grain & fertilizer, grass seed attachment drill. Working order & decent shape, \$750. Lehigh Co. Ph: 215-967-1821 after 7 p.m.

For Sale - 11 ft. Int. 350 disc, (7 gauge), furrow filler attachment, 3rd bearing attachment, hyd. cyl. included, excellent condition, 717-872-5486.

For Sale - King offset disc, 11 ft. demo, 26" blades, like new 717-284-4659.

For Sale - Round Speedy corn crib, 1200 bu. capacity \$400. 717-477-5520 after 6 p.m.

For Sale - JD 730 diesel, 3 pt. hitch, A-1 condition, JD 630 gas, 3 pt. A-1, Oliver 4340 3 btm. plows, A-1. 717-433-4331.

Poly Tanks, all sizes 50-500 gal. 1300 & 1600 vertical storage, Wentzel Machinery, Biglerville, PA 717-677-8411 or 677-7231 eves.

For Sale - Farmall 560-D, fast hitch, live P.T.O., new paint, engine recently rebuilt. Phone 717-768-1486.

For Sale - Ford diesel tractor, 1972, 8000 with dual power loaded, excellent condition, \$8000 609-235-3099.

For Sale - 1974 GMC 6500 Deluxe Custom with Omaha 16 ft. grain body, fertilizer auger and torp, low miles, JD 5 bottom plow, 145, 4 row cultivator, BWA disc harrow, 12'6", Gleaner L combine, 4 row and 13 ft. hands, diesel, air and head. Bucks Co. 215-794-7364.

For Sale - Int. 110 chuck wagon with roof, roof needs work, body, floor, cham, etc in very good condition, \$2250, or best offer 215-987-3191.

Wanted - Used mulch pot planter State price condition and location Write Greenlane Greenhouse. RD #1, Box 173, Belleville, Pa 17014

For Sale - NH 479 haybine, used 2 yrs, excellent shape \$3000 717-464-2602

Lancaster Farming, Saturday, March 31, 1979-55

FARM EQUIPMENT

For Sale - 7000 Ford row crop tractor, dual power, load monitor, 1350 hours. Excellent condition. PH: 301-756-6708. Carroll Co., MD.

Wanted - 1 pair 3 or 4 ft. cultipacker wings, also JD 40 for parts. 717-653-4449.

For Sale - 2 new USS 325 gal. liquid feed tanks, 2 used, \$135 & \$90, Heisey Farm Service, 717-653-1568.

For Sale - MF 20 industrial diesel with 200 industrial loader, fully equipped, 1200 hrs. \$8500. Landon Henry, Bedford, PA 15522 814-623-8871.

Wanted - Cast iron implement seats, with names or fancy ones, postage returned. Art Heritage, 4810 W. River Rd., Muncie, Indiana 47304 317-282-6167.

For Sale - 300 gal. skid sprayer for pickup truck, 40 ft. stainless steel booms with spray systems, electric control valves. 717-397-0035.

For Sale - Oliver 3x16 2 way roll over plow, 3 pt. coverboards, coulters, new shms, shares, landsides, \$1000, 814-355-3553.

For Sale - AC D21 series II, excellent condition on new rubber, Frederick Co., MD 301-845-8929.

For Sale - 7020 JD tractor, air cond., PTO, excellent condition, JD side hill 6600 combine, grain - corn head, Monitor system, excellent condition, 2 Possum Bellies, cattle trailer, good condition, priced to sell. Fauquier Co., VA 703-439-3620.

For Sale - Hesston hydro-swing 1010 mower, has mowed 250 acres, \$4500. 201-852-9109.

HOG SLATS
Self-spacing concrete from 4 ft. to 12 ft. lengths. V.T. Petersheim, Box 315, R2, Mifflintown, Pa. 17059.

International 1066 tractor, excellent condition, 1200 hours. Call 717-859-1946.

For Sale - Used 1816 Case skid loader, good condition, \$3500, good used model 30 self propelled, Owatonna 10 ft. cut windrower \$1995, Yingling's Implement Inc., Box 78, RD 9, Gettysburg, PA 717-359-4848.

For Sale - Used rubber wheels from MM tractor 23.1-26. 18-26 on 20 rim 8 ply. Also front wheels 7.50-18 & CK812-3. (2) 500 lb. wheel weights. Levi M. Stoltzfus, 31 E. Eby Rd., Leola, PA 17540 at Monterey.

International 400 Cyclo 4 row corn planter with no till and insecticide attachment, excellent condition. 717-859-1946.

For Sale - Ford 4 bottom semi mounted plow, 16" bottom with coulters and coverboard hydraulic side hill hitch, Brillion crow foot packer with transport wheels for same, excellent, IHC 4 row corn planter, 4 yrs. old with monitor, acre meter, Gandy insecticide hoppers, hyd. fertilizer auger on planter, numerous planter plates, excellent shape. 717-433-3182.

Wanted - 4" aluminum irrigation pipe, 20-30' lengths, up to 6500 ft. needed. Jim Yeungst Star Rt., Mifflin, PA 17058 717-436-2656.

Model 352 New Holland grinder/ mixer, excellent condition Call 717-859-1946.

For Sale - NH grinder mixer #357, like new, feed scale buggy, 1000 lb capacity 717-569-1653

FARM EQUIPMENT

For Sale - New MF 120 baler w/wagon hitch & chute 717-943-2304.

For Sale - Model F Gleaner combine, diesel power, 13 ft. grain head, very good, \$16,500. 215-767-3133.

For Sale - Corn sheller, belt driven in need of repair, order parts through Sears-Robuck Retail Stores, \$25. Aaron Z. Garman, RD 2, East Earl, PA 17519.

For Sale - NH haybine, 9 ft. exc. cond., Ford hay baler, excellent condition, 30 ft. Case elevator, adjustable for hay balers, ear corn and small grains with new electric motor, new MF 7 ft. tandem disc, Ken Decker 814-632-5285.

For Sale - McD 2 way riding plow, McD riding cultivator, McD corn planter, JD 999 corn planter, JD 2 way riding plow, NI tobacco planter, 717-768-3681.

For Sale - Delta 10 m. heavy duty table saw with hyd. motor, 300 amp. belt driven Lincoln welder, 20% off on welding cable thru 3/31. Wanted: clutch with 4 to 1 reduction for VE4 Wisc. BEILER BROTHERS, RD 3, New Holland, PA 17529 Rt. 23 W.

Planter

Need a good no till 4-row JD 1440. Used 3 seasons. Dry fertilizer, HD 2" opening coulters, plateless, insecticide boxes. Excellent condition. \$3500. Call 717-334-8548.

Wanted to buy. New or used Papec knife grinder for grinding forage harvester knives. Hess Farm Equipment. Bradford Co. 717-673-5143.

For Sale - JD 1400 no-till corn planter, plateless with seed monitor, good condition, JD 216 self unloading wagon with roof, 3 beaters, JD 10 mower, side mounted. Frey's Farm Dairy, Franklin Co. 717-264-7492 or 263-2036.

For Sale - Farmall 340, fully equipped with new rubber, good condition. 717-532-7009.

Int. #56 4-row corn planter, double disc openers, insecticide boxes, like new. Int. 27 baler with baie thrower. 301-452-8332.

Farmall 140 \$2300, Farmall B & cultivator \$1150, Farmall 300 Hi clearance \$1250., three point hitch cultivators \$250, New Idea manure spreader \$135. Machinery bought and sold, including Allis G. Tractors. Phone 609-881-7023 evenings or early morning. Save number.

For Sale - IH 350 11' disc, Brillion 11' cultipacker, 12' Badger silo unloader. Lancaster Co. 717-464-3162.

Send \$995 for Mulch Planter, \$765 for Mulch Layer, \$376 for Transplanter. Convenient delivery arranged. Order early and be ready for Spring. Phone 609-881-7023 Evenings, or early morning. Save number.

For Sale - Gandy 14' herbicide applicator, 3 pt. hitch, hydraulic drive. 1959 IH truck with even spread lime body. Wheat straw, 500 bales. Harford Co., MD 301-457-5664.

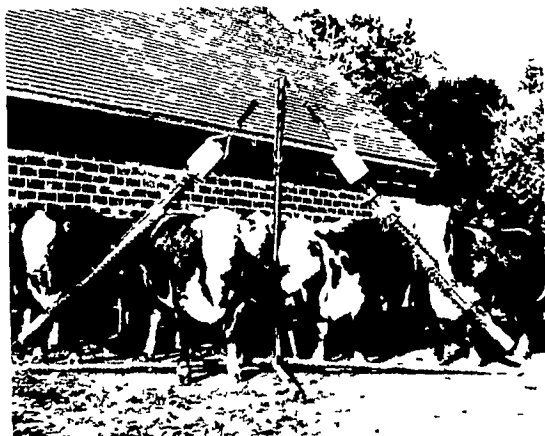
For Sale - 8N Ford tractor, sideup trans. w/Wagner loader, 14.5 x 24 rear tires, very good \$1650 JD 3 pt. hitch, 2 row corn planter \$350 3 pt. hitch 2 row Ferguson cultivator \$100. 7 ft. AC disc harrow \$100. Pete DeVos, Franklin Co. 717-264-9388

TOX-O-WIK SUPER AUTOMATIC INSECTICIDE APPLICATOR

- Aid on Pest Control
- Stops Cattle from Rubbing Fences
- Reduces Cattle Pest Problems

WORKS AUTOMATIC
LABOR FREE

Get more gain with less feed, make more profit



COMPLETE SALES
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PARTS IN STOCK

ELMER M. MARTIN

RD2, Myerstown Ph: (717) 949-2081

FARM EQUIPMENT

Wanted - Used Danuser post hole digger, landscape rake, small to medium sized Gooseneck trailer. 215-363-2461.

For Sale - 3 pt. hitch backhoe, 14 ft. good condition, 215-346-7648.

IH Tractors M and Super M, NI corn picker and sheller mounted for Super M, IH and Oliver pull type 3 bottom plows, two aerating fans and tubes, 4 row cultivators, Woods rotary 5 ft. pull type mower. All in very good condition. Telephone Jersey Shore, Pa. 398-2270 or 398-2050.

Wanted - Cab for 205 IH Combine. 717-244-6319.

2 row potato planter \$250.00; 2 row potato digger 1 share \$350; potato grader, picking table etc. \$100; Trexler cutter \$75.00; potato splitter \$150; potato sprayer 10 row boom \$300. 215-298-3771 Lehigh Co.

For Sale - Farm Way barn cleaner with 100' good chain, 24-10 ft. Star Silo Co. concrete bunk feeders used about two years selling for half price, 2 large American grain dryers in good condition. Jonas J. Yoder, Star Route Box 159D, Rebersburg, Pa. 16872.

For Sale - JD 7000 6-row 30" planter with deluxe population monitor & dry fertilizer loading auger, excellent condition. 215-593-5514.

Wanted - Belt harvester, 6" aluminum elevator. 302-653-8320.

For Sale - 26 x 70 silo with Jamesway Big Jim unloader. 717-776-7533.

For Sale - 1971 JD 4020 Diesel W.F. Dual hyd., S.R. Cab Heater & air conditioner, New rubber, good condition. Price \$10,500. 2420 hours. Ph: 717-532-8601.

For Sale - 1972 Gleaner K combine, 2-38" row corn head, 10' grain head, air leveler grain sower, several new belts, very good cond. \$10,500 or best offer. Northumberland Co 717-672-2138.

For Sale - NH 718 forage harvester, 2 row corn head and hay head attachment, NH Super 23 blower, NH forage wagons, #8, 7, 6. 717-284-2842.

For Sale - John Deere 40 square back with grain head and 205 corn head, excellent condition, \$4,750.00. 717-463-2666.

For Sale - Late Ford 5000 diesel with weights and high platform \$630. Or will trade for smaller tractor. Berks Co. 215-683-7943.

AC 200 Tractor
11' Case Field cult. (new)
OMC 540 stacker & mover
NI 705 Power Unit
NI 702 Power Unit
12' NI Fert. Spreader
ROY H. BUCH INC.
EPHRATA
717-859-2441

For Sale - Ford 4 row cultivator, 3 pth. like new, \$800. Ph: 717-433-3182.

For Sale - 1410 Case tractor, 85 h.p., 1160 hrs., very clean. 200 gal. 3 pth. Century sprayer. West Chester area. 215-459-4160.

Wanted to Buy - JD 4020 Diesel or 200 AC diesel, late model, low hours. Ph 717-548-2469.

For Sale - Massey Ferguson 4 x 14 fully mounted plow \$550. 215-489-7831.

FARM EQUIPMENT

For Sale - Set of tractor tires, 13.6 x 38 with JD rims. JD 112 garden tractor with 48" mower. 215-445-4410.

For Sale - AC B tractor with rotary mower, runs good, 2 bottom fast hitch 2 pt. plow. 717-442-4279.

For Sale - Wheel carrier disc, 9' good condition, \$450. Also Wanted - WFE for 3020 John Deere. 717-865-2022.

For Sale - JD FB - B grain drill, 13x7, disc openers, fertilizer and grass seed, good condition \$750, Brillion 10 ft. cultipacker, Good \$300. 30 Teeset 8004 nozzles and strainers with check valves, also directvalve, all for \$40. Lancaster Co. 717-529-2723.

For Sale - Habian 4 ft. sickle bar mower, fits garden tractor, 5 ft. Int. rotary mower for cub Low Boy, wheel weights for cub tractor. 717-442-4279.

For Sale - Int. 706 diesel tractor, excellent condition \$6000, MF 124 baler, 1 yr. old, asking \$4000, used 1 season, like new, Leonard Pelulla, 215-626-4500.

For Sale - 2 tractor tires, 16.9x34 with rims, 2 18" front tractor tires with rims, like new 215-445-4993.

For Sale - 2 row potato planter, 717-354-9780.

WANTED: Continental engine six cylinder No. F226 any condition. Aaron Brubaker R1 Box 189, Laverpool, PA 17045.

For Sale - JD 7520 4 wheel drive tractor, cab & air, good condition, \$21,000. JD 8 bottom F360H plow, power reset, good condition, \$4000. Cumberland Farms, 143 Curve St., Bridgewater, Mass. 617-697-6155 days or 617-697-8923 & 617-378-4838 evenings. Ask for John Peck or Al Jaquins.

For Sale - Model 353 NH portable hammermill, 2 yrs. old. 717-626-6198.

For Sale - Model turbocharge diesel Oliver tractor, 10 hrs. on overhauled engine. 717-626-6198.

For Sale - JD 5 btm. trip mounted plow, excellent condition, \$650 or make offer. NH grain batch dryer, 350 bu., PTO drive, rebuilt & good working condition. 215-536-8624 or 3456.

For Sale - 2 spring wagons, ready to go, excellent shape. 215-593-5754.

For Sale - 1977 White 4 row no-till planter plate type, 28-40" rows, A-1 condition. 717-889-3197.

For Sale - IH 370 Disk, 13' (40 blades), good condition, \$1,475. Fred. Co., MD. 301-845-4561.

For Sale - 500 gal. wood sprayer tank, V.G. \$275. Box 441, Falls, Pa. 18615 or 717-587-3437 or 717-388-2495.

For Sale - JD 4020 wfe, power shift, dual hydraulic, new overhaul kit, excellent condition \$8200. 717-354-0484.

For Sale - Hesston stak hand 30, good condition \$3800, Call Ruella Mushrooms, Inc., Rising Sun, 301-658-5692 or 658-5681 eves.

Industrial equipment for Sale - IHC TD8C 6 way dozer \$18,500, JD 555 \$26,500, JD 450's & 350's, rubber tired backhoes from \$4000 to \$15,000, log skidders from \$6000 to \$15,000, many other loaders, dozers, fork lifts, etc CURRY SUPPLY CO., Curryville, PA 814-793-2829

FARM EQUIPMENT

For Sale - 3 Speedy wire corn cribs, 1200 bu. size. Good condition, Kennedyville, MD 301-648-5364.

For Sale - Mulch Layer - Planter Comb. Union Carbide - Tendel. Used 1 season \$475. Box 441, Falls, PA 18615 or 717-587-3437 or 717-388-2495.

For Sale - Hesston 30 Stak Hand flail chopper in good condition, 302-239-5003.

For Sale - 1 Davis TK truck mount mixer, with scales; 1 Smith 14' Cement cattle guard; 23 10' Star Jumbo J cement feed bunks. 717-473-3516.

For Sale - 1130 MF \$4950 & 1066 with cab \$9250. 215-267-5131.

For Sale - NH 66 PTO Baler, good condition, \$475. Mobile home axle with springs & 3 new tires, \$60. Lancaster Co. 717-733-7124.

IHC 1206 Tractor
Ford 6090 Tractor
NH 451 Mower (Used)
NH 275 Baler w/PTO
Thrower
NI 299 Mow/ditioner, like new
WENTZ FARM SUPPLY
Palm, PA
215-679-7164

For Sale - Hay wagons built to order. Call after 4:00 215-488-1635 Luke Wicks, Berks County.

For Sale - International 766 diesel and International 574 gas with 2250 quick attach loader, both in good condition. Cumberland Co. 717-258-6682.

For Sale - 1 ton vertical feed mixer, Zook Molasses Co., Honey Brook, PA 215-273-3776.

For Sale - Int. 2001 loader \$700. MF No. 10 baler \$450. 701 NI Uni-System w/710 combine & 13' grain head \$2800. Lancaster Co. 717-367-1945.

New EZ Trail wagons and wagon beds, feed carts, farm gates. B. John Stoltzfus, Gap RD 1, Millwood Road.

For Sale - (1) 8 ft. & (1) 10 ft. Brillion packer-seeders, JD 999 Horse drawn 2 row corn planter with fertilizer hoppers, IHC 2 row mechanical lift w/fert., 34 and 32" rows, JD KBA 20, 24 disc. 56 NH roller bar rake, 55 NH roller bar rake. 717-7-6553.

For Sale - M tors - VG, VH & VF with 4 1 clutch reduction. 717-57-6553.

For Sale - 16" Rollover plow, 5 pt. hitch, 3 bottoms with cover boards. Like new \$1450. 717-687-6553.

For Sale - IH 806 diesel, wide front, 3 pt., dual hydraulics & dual shafts, 18-34 rubber, good every way, will guarantee, \$7350. 717-786-4899 or 717-284-4659.

For Rent - 8 ft. Brillion alfalfa seeder with transport wheels. Omer King, 1230 Gypsy Hill Rd., Lancaster, PA 17602.

For Sale - 656 Farmall diesel, 3 pt. hitch, 3000 hrs., PS, \$5500. 717-354-0266.

For Sale - JD 730 diesel, standard, electric start, extra nice, good rubber, a rare tractor. 717-284-4659.

For Sale - 4 row tool bar \$100.00, Graham Home 7' pull type chisel plow with cylinder \$300.00. Nine Oliver suitcase weights and bracket \$250.00. Berks Co. 215-683-7230 evenings.

For Sale - Fox pickup attachment, extra good condition \$400 717-548-2877

FARM EQUIPMENT

For Sale - Massey Ferguson 124 baler with thrower in excellent condition 814-264-1553

For Sale - Farmall super M, good solid tractor, \$1350. 717-786-4899 or 717-284-4659.

For Sale - WD Allis Chalmers tractor, excellent condition and rubber, overhauled. Bryon Kreider, RD 2, Jonestown, PA 17038.

For Sale - IH 544 gas utility with 200 loader, clean original one owner tractor, 3 pt., PTO, will guarantee, \$5700. 717-786-4899 or 717-284-4659.

For Sale - One, like new Viccon H1240 Trapeze rake. Used for only a few acres. 20 foot raking width. Swope & Bashore, Inc. 717-933-4138.

For Sale - Excellent Condition. Used ST-180 Howard rotovator, 180" wide, three point hitch, heavy duty P.T.O. drive. Call Swope & Bashore, Inc. 717-933-4138.

For Sale - JD 720 diesel, 15-5-38 rubber, wide or narrow front, not all beat up. Will sell for \$2250. 717-786-4899 or 717-284-4659.

For Sale - 1 pr. used 18.4 x 34 duals, direct mount John Deere 33/8 axle fits 4230 or 4430. Also 1 set 18.4 x 38 clamp on used duals, fits any brand tractor. Mummaw Firestone, Mount Joy, Pa. 717-653-2075.

For Sale - 20 x 60 harvester with hercules unloader 717-354-4051.

For Sale - 1 horse dump rake, 1 horse plow, 11 hoe grain drill, Singer sewing machine for leather, harness, etc. 4 cyl. Wisconsin engine. Kutztown, PA 215-683-3924.

For Sale - Excellent Quality Hay, 90 tons, \$50.00 ton. 717-448-2994.

For Sale - IH 656 diesel, wf., 3 pt. hitch, TA, rebuilt last spring, real sharp tractor, \$6350. 717-786-4899.

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For Sale - 730 JD D excellent condition w/v-out loader, very good rubber. \$3800. Ph: 717-548-2469.

For Sale - 14' Stauffer lime spreader box & a Wisconsin THD engine, electric start, both in good condition. 717-464-2428 evenings.

For Sale - JD hay conditioner, 3 pt. hookup plow 3-14, hay baler 24T with bale thrower, flail chopper #15, Int. 3 bar side delivery rake, hay wagon and cream separator, Weeknights after 6 p.m. or Sat. 301-357-8583.

For Sale - IH 1468 Diesel with heated cab, very good condition. \$12,500. Albert Sherwood. 203-268-5203.

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FARM EQUIPMENT

For Sale - 1650 Oliver tractor, wide front, gas, \$3500. Also (3) 50 lb. Surge units w/on line electric pulsation & auto. stall cocks & timer for 54 cows. 717-933-4887 Berks Co.

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For Sale - Oliver 136 hay conditioner, Boggs potato grader, 717-367-3634.

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FARM EQUIPMENT

For Sale - Set of Ford 230 disc harrows, base unit 12 ft. with 3 ft. wings, used less than 10 acres, priced to sell. Jacob Lopatofski 717-222-4106.

For Sale - Hydraulic dump wagon with sides, \$400, 215-267-6381.

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For Sale - Hawk Bilt round baler, excellent condition. 215-845-2757 after 8:30 P.M.

Ford 8N w/3 pt. hitch, \$1750. Asplundh skid mounted 12" tree chipper, \$2500
Vilsmeier Equipment, Inc.
Route 309
Montgomeryville, Pa., 18936
Phone: 215-699-3533

For Sale - NI tobacco planter, 2 JD 999 corn planter, (1) with fertilizer attachment. JD riding cultivator. McCormick 2 way riding plow. McCormick riding cultivator. Leroy B. Esh, R1 Ronks, PA 717-768-3681.

For Sale - AC 505 forage wagon, like new \$2000, AC 505 forage wagon, used \$800, AC 780 2 row chopper good condition \$2000, AC 480 PTO blower, like new \$1000. Lehigh Co. 215-285-6605.

For Sale - 2 cyl. Wisc. engine \$350, 4 cyl. Wisc. with 4-1 clutch reduction \$700, both engines were completely overhauled. Stephen S. Fisher, 141 A N. Ronks Rd., RD 1, Ronks, PA.

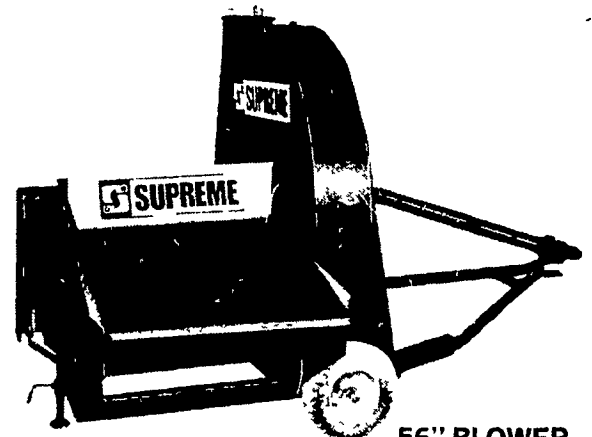
For Sale - Case 3 bottom 3 pt. hitch plow, excellent condition, 201-446-6525 eves.

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1977 NH 479 Haybine
JD 4430 tractor, SG, PS
JD 4230 tractor, SG, PS
NI 272 Cut-ditioner
1978 NH 1032 Stack
wagon
NH 430 Baler
5' Rotary mower
Model 451 9 ft. sickle bar
Hesston 30A, 9 mo.
warranty
JD 350, mold board
plow, 5-16" btm.

Call After 5 P.M.
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reset, 16" btms., 6
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row, 12' width
IH #412 plow, 14" btms.,
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10'6" width w/new
disc blades

New Equipment

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\$245
#401 IH harrow, 36 teeth,
12' width, slightly
weathered, yours for
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beater for 2749
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Dalmatia 758-3021
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Wanted - 3 pt. hitch for OC-6
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For Sale - Int. 400 Cyclo
planter, new shoes, disc &
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Hi-Clearance plow. Box
frame, full mounted, shear
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good condition. Mifflin Co.
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New Case 970 tractor,
used 1070, 1030, 830,
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New Hesston PT10 win-
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Air Blast sprayers: 36 G
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Irrigation Systems,
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EQUIPMENT**

NH 30' elevator; NH 68
baler; NH 55 hay rake;
(3) NH 450 mowers;
John Deere KBA disc,
(1) transport, (6) pull
type Oliver 2 B pull type
plows; Oliver & IHC 2
way plows; MC 7 ft.
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Nicholson hay tedder;
NI 751 & 752 hay
crushers; Wisconsin
engines, 2 cylinder & 4
cylinder w/clutch
reduction; AC-B/power
units w/clutch reduc-
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**Thomas J. Wheary
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990 David Brown trac-
tor, nice shape
NH 467 Haybine, nice
shape
NH 277 Baler, good con-
dition, no thrower
NH 276 Baler w/thrower
IH Crop Chopper, like
new
NH 33 Crop Chopper
NH 36 Crop Chopper
MF 750 Combine w/13'
grain table & 6-row
corn head, used 3
seasons, really nice

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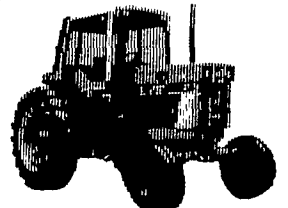
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32" Cushion Shank,
Depth gauge wheel,
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Farmall 1086, 686, 784.
16 x 7 grain drill, 510
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hitch
Farmall M
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JD 4320
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JD 1520
JD 1020 w/loader
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USED EQUIPMENT
4, 5, & 6 B semi-mtd.
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\$7900**

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Harvester
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Harvester

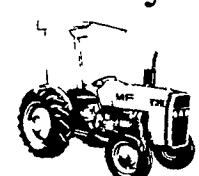
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FORD 5000 8 SPD. DSL.
FARMALL 560 GAS
FARMALL 706 DIESEL
IH CUB LOW-BOY
w/mower
JOHN DEERE 2630
DIESEL
MF 35 GAS
OLIVER 1850 DIESEL
CLOSED SUNDAYS
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Case 400 gas
Ford 641
AC HD5 crawler loader
MF 880 4-18 hyd. reset
plow
JD 3-16 #45 plow
NH 354 grinder mixer
MF 510 diesel combine
Gehl FC72 flail chopper
Century 500 gal. truck
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10' cultmulcher
NH 495 haybine
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COMBINE w/13'
FCB grain head &
6-row corn head,
\$47,800**

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NEW TRACTORS
AC 5040 diesel
AC 5050 diesel
AC 7045 diesel, PS
AC 7580 4 wheel drive
AC 7000 diesel, PS

USED TRACTORS
384 Leyland diesel
ACD-14
AC 7000
IH M

USED COMBINES
MF 300 combine
IH 303 combine
w/heads

(2) AC K combine
w/heads
Int. 203 w/heads
IH 91

USED EQUIPMENT
658 Int. corn planter
NH 200 gal. tank
spreader

AC 5 bottom spring
trip plow
NI 325 husker unit
GT 570 grain dryer
NI 729A sheller at-
tachment

NI 728 corn head
JD #18 1-row corn
picker

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ing tractor, two-
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Classes. Winner of
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New Papec Harvester
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Diesel 10 H.P. @ 1800
R.P.M. 6 mo. or 1000
hr. warranty.
\$1050.00 clutch
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with fuel tank &
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1974 760 MF w/6 row
head, very good
1975 750, 1 w/4 & 1 w/6
row head
510 MF combine
MF 410 combine

200 MF w/24 corn head
and 10 ft. grain head
NH 975 gas w/2 row corn
head, 13 ft. grain

191 Int. 2 w/2 row head
and cab
1975 White diesel w/new
style soybean head.

TRACTORS

2 135 White demo with
heated & air cab
G1000 MM 7800 w/new
rear tires

Farmall H
Model A Farmall
w/cultivator
2-50 White tractor 4 wd.

MISC. EQUIPMENT

3 model 200 MF forage
harvesters w/both
heads

2 MF self unloading
wagons, 14 & 16 ft.

2 Used Lamco self
unloading wagons
1 AC used forage wagon

New Kuker trailer
sprayer, 27 ft. boom
White 598 variable width
cut plow, 5 btm.

New Taylor Way 8, 10 &
12 ft. offset disc
8 new MF & White disc
harrows, all sizes
AC no-till Model 600, 2
yrs. old

MF 1976 50A backhoe &
loader with cab.
Don't Cuss - Call Gus
**GUS FARM
EQUIPMENT, INC.**
Intersection 214 & 616
Seven Valleys, PA
PH: 717-428-1967



NEW COMBINES
JD 6600 side hill w/444
corn hd. & 215 flex-
ible platform

NEW TRACTORS
JD 2640
JD 2840

USED TRACTORS

ACC
AC WD
Farmall H
Farmall M
Ford 821

JD A
JD B
JD 50
JD 520
JD 720
JD 1020
JD 1520
JD 1530
JD 2010
JD 3010
JD 3020
MF 65
MH 30

NEW PLOWS
JD 2500 4B Hyd.
JD 2500 5B Spring

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JD F120 3x14, 16
JD F125 4x16
JD F145H 6x16
JD 415 2 & 3x14
JD F45 3x14 4x16
Oliver 2x16
Oliver 4x16
Oliver 348
F130 5x14
Int. 550 5x16

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SPERRY-NEW HOLLAND
FARM EQUIPMENT

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NH 1469 Haybine, self-propelled w/cab
(2) NH 479 Haybines, ex cond. \$3,250.00 ea
JD 6' Flail Chopper

Paul Shover's Inc.

Loysville, PA
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WHITE - 2-180 Tractor
2-105 Tractor w/cab
2-85 Tractor
2-70 Tractor

GEHL -
MC 1090 Mower Conditioner
920 Forage Box
FC72 Flail Chopper

NEW IDEA -
272 Cuditioner
323 Corn Picker
245 Spreader

USED EQUIPMENT

26 Ft. Elevator
Oliver 1850 Diesel
Allis 5040 Tractor
NI 213 Spreader
NI No. 10 Picker
Int. 56 Blower
NI No. 26 Blower
Oliver No. 26 Superior Grain Drill

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

TRACTORS

IH 660 Diesel
Case 930 diesel, LA, gas
Farmall M
MF 444 gas

NEW & USED EQUIPMENT

323 NI pickers
206 NI spreaders
Discs & spring harrows
Brillion 8' packer seeders
Steel wheel wagon gears
Wheel rakes

USED EQUIPMENT

McCormick 44, 449, & 450 rope left corn planters
McCormick & JD 2-row 999 corn planters
256 & 56 NH rakes
451 NH mowers
1 & 2 row potato planters
13 x 7 Oliver grain drills
JD & McCormick 2 way plows

Oliver & JD 1 & 2 bottom trailer plows, 12 x 14"

Plow packers
Cultipackers
JD 9' spring harrow
Rebuilt AC 125B power unit w/starter
1, 2, & 4 cyl. Wisconsin motors

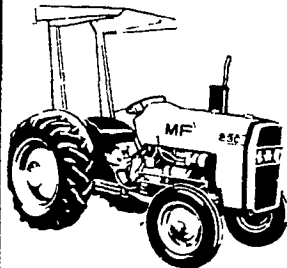
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601 Musser Schl. Rd.
Leola, PA 17540



TRACTORS & EQUIPMENT

MF 1085 Tractor w/cab & air
MF 150 Diesel Tractor
Farmall Super M Tractor w/hydraulics
Farmall M Tractor
AC D17 Tractor
NI 213 Flail Spreader
NH 510 Spreader
NH 676 Spreader w/top btr.
MF 760 Combine w/15' table, 4 & 6 row corn heads
JD 490 4-row Pull Type Corn Planter
Oliver 11' Transport Disc Harrow
NH 718 Chopper w/770 corn head
Brillion MD 164 13'8" pulvimulcher
Brillion 12' field cultivator
NH #8 Crop Carrier w/#238 Wagon
IHC 10' Transport Disc Harrow



NEW M.F. EQUIPMENT

MF 750 diesel Combine w/14' table
MF 1085 Tractor w/cab & M P
MF 2745 Tractor
MF 230 Diesel Tractor
MF 210 Tractor
MF 620 Disc Harrow 14 ft
MF 520 Disc Harrow 12 ft
MF 25 Disc Harrow 6 1/2'
MF 58 Rotary Cutter
MF 110 Spreader
MF 130 Spreader
MF 160 Spreader
MF 227 Scraper Blade
MF 226 Scraper Blade
MF 530 Blade
MF 468 Corn Planter

S.G. LEWIS & SON, INC.

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West Grove, PA
215-869-2214

FARM EQUIPMENT

TRACTORS

IH 450 IH 424
IH 350 Oliver 1650
IH 544 JD 4010
IH 340 JD 2010
IH 300 JD 4030
IH 606 JD A
IH 806D JD B
TH 504 Case 870

FLAIL CHOPPERS

Brady 144"
Brady 6'

MISC.

AC 6 row Air Planter
Fox Blower 52"
IH Blower 56"
Hesston 30 Stacker
Hesston 30 Mower
Hesston Hydro Swing
IH Disc Harrow

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Quarryville
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NEW CASE TRACTORS

990 & 970 w/100 hrs.
10 Tooth Chisel Plow
7 Tooth Chisel Plow
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New Holland - Balers, Harvesters, Rakes, Mowers, Haybines, Spreaders, Grinders, Skid Steer Loaders

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Terre Hill Silos
McCurdy Bins In Stock
Hub Tool Elevators
Walsh Sprayers

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NI Model 214 Spreader, hyd. gate & top btr.
NH #68 Baler
NH 275 Baler
NH #8 Crop Carrier, w/running gear & flotation tires
NH 47 Mower
NH 717 Harvester w/1-row hd.
IH 5 Bar Rake
(1) 717 R 2 Head
(1) 770 R Head
JD 8' KBA Disc
Lamco 3 btr. crop carrier
NH 516 Sgl. btr. Spreader

DEPENDABLE MOTOR CO.

East Main St.
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215-273-3131
273-3737

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FOR SALE

MF 115J w/walshals
MF 18(SOLD)
MF 165
IH 656 hydrostatic
IH 766
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 720 Disc, 14 ft.
IH 400 cvc row corn planter(SOLD)
MF 321 corn head
MF 1080
NI 218 manure spreader

MELVIN M. BURKHOLDER

Ephrata, PA.
717-859-2960



★ ★ OUR ALL-STAR LINE UP ★ ★

"Early Bird"

McCurdy Gravity Bin

Sale

Model 190 - \$425

Model 230 - \$505

Model 275 - \$565

EZ Trail Wagons
In Stock
8-10-12 Ton Tandem

Kuker Sprayers
In Stock

USED EQUIPMENT

620 John Deere w/loader, 3 bottom Deere plow - 16", 494 John Deere planter, nice 8' John Deere Blade, John Deere 34 Harv. 1-row, head hay pick up, John Deere Hay Tedder - \$175, John Deere 212 Lawn Tractor, like new, w/mower, blade, roto tiller, John Deere 10' training chisel, nice, New Idea 214 manure spreader, IH 400 Cyclo planter, liq.-fert., no-till, nice, IH 2-row mounted planter, MF 4-row planter, like new, IH 550 plow 5x16", nice, 30 Ferguson, 3 pt

M & R EQUIPMENT INC.

Stewartstown, Pa.
Ph: 717-993-2511

FORRESTER BROS. FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
We Service What We Sell.

JD 4230	Ford 4000
5 JD 4020, 3w/cabs, 1 console	5 Ford 3000
2 JD 4010	Ford Roadless 95 4 wd.
JD 3120 cab	Ford Roadless 65 4 wd.
2 JD 2130	Int. 1406, cab
2 JD 2120(SOLD)	Int. 1066, cab
JD 2020	Int. 856
2 Ford 8000	Int. 706
2 Ford 7000	Int. 674 w/cab(SOLD)
Ford 5095	2 Int. 574
5 Ford 5000	Int. 560(SOLD)
	Int. Farmall H

Field Ready Tractors.

Coming In

Oliver 1850 diesel w/cab, w.f. & over & under.
Oliver 1550 diesel, w.f.
Int. 674 diesel
Deutz 5506

JD 1240 plateless planter w/dry fert. & insect.	MF 82 Combine JD 730 diesel, wf, electric start
JD 1240 plate planter w/disc openers & insecticide	AC 185 diesel Farmall A w/cultivator
Int. 456 planter w/disc openers	JD 420 (SOLD)
Gehl 115 grinder mixer	JD 430 (SOLD)
McCormick 82 combine	JD G
David Brown 1200	JD 4020 side console diesel
JD 3020 diesel	MF 135 (SOLD)
JD 2030 diesel	Case 830 Comfort King diesel
Oliver 516 cushion trip semi plow	Case 1370, powershift

ELMER GOCKLEY

Reinholds, RD 1
215-267-3281

SPECIAL OF THE WEEK

BADGER 9' MOWER CONDITIONER
Used 1 season
\$4500.00

CAR, TRUCK & TRACTOR CHAINS IN STOCK

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons

Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536



NEW EQUIPMENT SPECIALS

LONG	CASH PRICE
560 Tractor w/Roll Bar & 1528 loader	\$8500.
958 Disc Harrow 9'2" plus furrow fillers	1675

NEW HOLLAND	
495 Mower Conditioner w/transport attach	5500
58 Bale Thrower for 320 baler	950
80 Bale Mover w/push-off attach	425
25 Forage Blower	975.

718 Forage Harvester w/717W pickup & 770 R 1 row crop unit	5250
770 Forage Harvester w/770W pickup & 770R 2 row crop unit	7275
513 Spreader w/pan	2400
519 Spreader w/hyd end gate	3200.

JOHN DEERE	
34 Spreader w/18" cyl btr	1900
40 Spreader w/18" cyl btr	2200
HD 336 12' spring tooth harrow	650

USED EQUIPMENT	
JD 494A Planter w/insect attach	1200
JD 694 AN Planter w/insect attach	1250
IH 56 Planter	1500
NH 790 Spreader w/end gate	2500

FREE FINANCING ON SOME ITEMS

I. G. SALES

Silverdale, PA 18962 215-257-5135



DeLAVAL JAMESWAY

Quonset Buildings



NEW JOHN DEERE EQUIPMENT IN STOCK TRACTORS

950

COMBINES

7720
216 Flex Head
643 CH

DISC HARROWS

100 3 pt. 9'5"
210 14'3"
210 15'8"
310 14'3"

PLOWS

F145 4-16
F1450 5-16

CHISEL PLOWS

1600 10' 3 pt.
1620 24' Drawn

ROTARY HOES

(2) 415 15'
420 21'

MOWER CONDITIONER

12CSOLD

ROTARY MOWERS

(2) 709 7' pull type
REAR BLADES

45 6'

78 7'

115 8'

LOADERS

(2) 143 60" bucket
(2) 146 60" bucket
(2) 148 72" bucket
158 84" bucket

MANURE SPREADER

660 300 bushel
52 230 bushel
40 175 bushel
34 150 bushel

CFH, Inc.

East Main Street
Cecilton, Md. 21913
(301) 275-2195

FREY BROS. MFG.
QUARRYVILLE, PA Ph: (717) 786-2146

- FARM GATES
- HEAD GATES
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- STEEL FENCE
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- LOADING CHUTES (Stop Stops)
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- RITCHIE WATERERS
- ELECTRIC GATES
- AL CHUTES
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- FEED BUNKS
- HAY RACKS

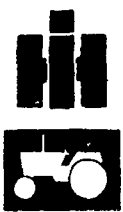
WRITE FOR FREE CATALOGS

FARM EQUIPMENT

FOR SALE 1972

Gleaner Combine
model G.K.S., hydro
diesel with 440 corn
head & 13 ft plat-
form

--CALL--
215-268-2382
Evenings



USED TRACTORS

856 Gas
F-966 D
F-1066 D
Farmall C with cult
Farmall M
JD 3010 Gas
Int 284
Gehl 4300 Skid Loader

TILLAGE EQUIP.

IH 401 Spring tooth har-
rows
IH Offset disk harrow
IH 770 Offset Disk Harrow
IH 535 Plow
540 Plows
550 Plow
IH 700 4F Plow
JD 5 fur plow semi
mount
ST 180 Howard Rotovator

PLANTERS AND GRAIN DRILLS

JD 13x7 Drill
Oliver 4 Row planter
MF 4 Row planter
IH 400 Cyclo 4 Row
planter
IH Planter for "C"
JD 1250 6 Row planter
4 Row fast hitch cultivator

FORAGE HARVESTING

CII Gleaner with 14' Grain
Vicon Rake
Farmhand Feeder Wagon
A C 780 Direct Throw w/2
row wide Corn Head &
Pickup
FOX 546 w/2 row wide
Corn Head & Pickup
New Holland 717 w/2 row
Corn Head
PAPEC 180, 1000 rpm
w/2 row Corn Head &
Pickup
IH 403 Combine w/14'
Grain Head
IH 650 Forage Harvester
w/2 Heads
IH 815 Combine w/844
Corn Head
IH 205 Combine w/227
Corn Head
IH 50 w/engine drive -
choice of heads
IH 46 Baler with Thrower
IH 50 w/540 pto drive
IH 47 Baler with Thrower
IH 55T Baler
IH 234 Corn Harvester
Brady Flail Chopper
New Idea 325 Picker
w/sheller
JD 34 Harvester with 2
heads
(New) IH 715 Combine
w/4 Row
Kools Blower

OTHER MISC. USED EQUIP.

Onan 20 KW Alternator
Servis Rake
NI 212 Spreader
IH 275 Spreader
IH 550 Spreader
AC B10 Tractor
and equip
Wheelhorse 8 H P
w/mower

SWOPE & BASHORE, INC.

RD 1, Myerstown, Pa
Located 1 Mile S. of
Int. 78 & 6 Miles
N. of Myerstown on
Rt. 645 in Frystown
PHONE: 717-933-4138



SPERRY-NEW HOLLAND

TRACTORS

IHC 1206
(2) Farmall H
Oliver 88 Gas
Oliver 77 Gas w/mower
Ford 8000
Ford 5200 Dsl.
Ford 5000 Dsl.
'74 Ford 3550 Diesel, 13'
backhoe, torque con-
verter trans.

EQUIPMENT

NH 276 Baler w/o
thrower
IH 47 Baler w/thrower
NH 33 Crop Chopper
NH 516 Spreader
20' Ford 240 Disc Har-
row

CHARLES S. SNYDER INC.

RD 3 Tamagua, PA
18252
Phone: 717-386-5945

SPECIAL - 1 ONLY

(1) Century 200 gal.
Sprayer w/28' Boom
Trailer Sprayer
\$875.00

Other New Century
Sprayers in Stock
300 Gallon
w/35' boom

(2) 200 gal. sprayers
w/28' booms

New Brillion Bush Hog
7, 8, 9 & 10' Chisel
Plows, Pull type & 3
pt. hookup

New Glencoe 7 Tooth
Soil Saver

New Arps 7' & 8'
Scraper Blades in
stock

New NI 3 pt. hookup
Fert. Spreaders in
Stock (All Sizes)

New Brillion 21' Folding Wing Transport Packer

USED EQUIPMENT

IHC Self-Propelled
Combine

Gehl 600 Harvester w/2-
row head & pickup
head, & knife grinder

Fox Fg. Harvester, 1
row hd. & hay pickup

JD 38 Harvester, 1 row
hd. ex. cond.

NI #224 Manure
Spreader, very nice
cond.

JD #46 Manure Loader,
fit 3010 thru 4020 trac-
tors

NH 30' Bale Elevator
Gehl 1500 Round Baler,
demo.

Gehl 115 Grinder Mixer
Gehl 95 Mix-All

JD 3B 3 pt. Hookup Plow

JD 3 Section Harrow

JD 9' Harrow

Athens 21' folding gang
transport Disc

Ford 12' Transport Disc

NH Model 33 Flail Chop-
per

Farmhand Forage
Wagon

Lanco 18' steel bale
rack wagon on 10 Ton
Running Gear, like
new.

New Gilson 5 h.p. Rear Tine Tillers Extra Discount on Early Purchase Till May 1, 1979

Plan to Attend Our
Spring Inventory
Reduction Sale
March 31.

UMBERGER'S MILL

New Idea, Gehl,
Hesston &
Brillion Dealers.
RD4, Lebanon
(Fontana)
Phone 717-867-5161
or 717-867-2613

FARM EQUIPMENT

TRACTORS

AC 5040D, 400 hrs
AC 160D, PS, 3 pt.
AC B w/hydraulics
Ford 8600 Dual Power
Ford 8000D fully eqpt.
Ford 5000D, 8 spd
Ford 4000G, 8 spd.
Ford 4000 SU, 8 spd., PS,
990 hrs.
Ford 3500D w/loader
Ford 3000 G, 8 spd. PS,
950 hrs.
Ford 1600D w/100 hrs.
Ford Jubilee Original
Ford 801G, P.S.
Ford 800 live PTO, PS
Ford 601G, 10 spd.
MH 30 w/loader
Farmall 200
Farmall 560D, PS
Farmall Cub Low-Boy
w/fast hitch; Mott
Mower, & Snow Plow
Farmall Cub, w/eqpt.
MF 135D, L. PTO
MF 85G, PS
IH 424D w/p.s. & 3 pt.
Satoh w/mower
JD 4020 Diesel
JD 730 D w/elec. start
JD 50, PS
Oliver 1800 Dsl, WFE
Case 830 WFE

**KELLER'S FARM
MACHINERY, INC.**
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046



NEW EQUIPMENT

White 2-180 4 WD
White 2-105 w/cab
White 2-85
White 2-70
White 2-60
White 2-50
4 & 6 row Aire-Planters
271 18' Wing Disc
Glencoe Soil Savers,
SS5, SS7, SS9
Amco Heavy Duty 18 ft.
wing disk
NI 708 Uni System
6C, 8C & 12C Hydra Mac
Skid Loader
Hesston Windrowers
6610 12' w/cab & air
6450 12'
Hesston Harvester
2000-100
Hesston Stakhand 10
Hesston 33' Field
Cultivator

Sept. 1, Interest Waiver
on Fox Harvesters
Check Our Low Prices
Also
1977 Prices on Brady
Field Cultivators

USED EQUIPMENT

Farmall H
Farmall C w/loader
Ford 6000 Diesel
Ford 8N w/loader
ACWD
Fox SPF Super-D
Harvester
Glencoe SS11 Soil Saver
NH 36A Flail Chopper
12' Pittsburgh Disc
12' Oliver Disc
NI 729A Sheller
41' Kewanee Elevator
NH 27 Blower
JD 18' Wing Disc
Oliver 252 Wing Disc 16'
Oliver 6-16 SAR Plow
Oliver 6-20" row planter
Artsway 750A Silo-Mix
Bearcat 72A Flail Chop-
per
Hesston Stakhand 30
Hesston PT10 Haybine
Case 555 Haybine
(2) 16' Hay Wagons

STOLTZFUS FARM SERVICE

Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

USED EQUIPMENT

J.D. A, B, & H Tractors
J D 4020 D, PS w/WFE
Ford 5000 Dsl. w/loader
Ford 4000 Gas w/loader
Farmall C Tractor
Sauder Snow Plow for
Ford Tractor
JD 3800 Chopper w/3-
row head.
Fox Chopper
JD 45 Combine w/corn
& grain heads
AC 303 Baler
J.D. 24T Baler
I.H. 440 Baler w/kicker
Hesston 56 Round Baler
Hesston 10' Mower Con-
ditioner
JD 214 & 115 Chuck
Wagons
NI 201 Spreader
NI 202 Spreader
JD 54 Spreader
NH 512 Spreader w/hyd.
end gate

USED JD CORN PLANTERS

1240 w/liquid fert. 4-row
494A w/dry fert. 4-row
1250 w/dry fert. 6-row
No-till w/o fert. 6-row

IHC PLANTERS

Cyclo w/fert. 6-row
Plate w/fert. & DO 4-
row

**WENGER
IMPLEMENT, INC.**
The Buck, PA
717-284-4141

USED EQUIPMENT

TRACTORS

- Int 1456 4 Wh Drive
- JD 40 Tractor with
Cultivator
- MF 1100
- Case 830 Tractor
- Case 1070
- 1265 Oliver with 1510
Loader

LOADERS

- Case 1737 Skid Loader
- Case 1740 UniLoader
- Case 1816 UniLoader

TILLAGE

- Case Disc Harrow
- JD Disc Harrow
- Case 4-Bot 18" Plow
- MF 5-Bot Plow, Semi
- Used Cultipacker

HARVESTING EQUIPMENT

- IH 2PR 2-Row Picker
- Fox 2-Row Harvester
- Ford 602 2-Row Mtd
Picker
- NI Unisystem - 702
Tractor, 710 Combine
& 760 Harvester
- Oliver 430 Combine
- IH 55 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- Hesston 2000-100
Harvester

HAY EQUIPMENT

- Case 650 Self Propell-
ed Windrower
- NI 290 Mowditiator
- Hesston PT-7
- NH 68 Baler with
Thrower

MISCELLANEOUS

- Ford 4-Row Corn
Planter
- JD 2-Row Planter
- 10 Used Spreaders
- NI 224 10 ton Spreader



SPECIALS ON NEW EQUIP

- Chisel Plow
- Case 885 Tractor

*90 Series Tractors
In Stock Now!

**ZIMMERMAN'S
FARM SERVICE**
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

Landis #1 leather stit
cher, complete, Champion
10" throat on stand with
clutch, 2 Singer heavy du-
ty industrial with 16" arm,
stand, clutch and motor,
sew heavy leather 7-31 &
7-9 Old German made
shoe machine, Curtis air
compressor, 5 hp water
cooled with new bearings
complete with tank, stand
and motor \$250

Daniel S. Esh
3746 E. Newport Rd.
Gordonville, PA
17529

PATZ SALES & SERVICE

SEE US FOR

- Barn Cleaners
- Silo Unloaders
- Tank Spreaders
- Conveyors and Feeders

LANDIS & ESBENSCHADE

RD #2, Box 283
Quarryville, Pa.
Call Jim at
786-4158



TRACTORS

IH 166, 1 yr. old
IHC Super H
IH Super C

HARVESTING EQUIP.

Fox Super D "SP"
Harvester w/3 hds.
Gehl 600 w/2 heads
JD 4400 Combine w/2
hds.
JD 105 Corn Special w/2
hds.
JD 45 Squareback w/2
heads
JD 40 combine w/2 hds
Ford 612 Harvester -
new

TILLAGE EQUIPMENT

JD 1640 Plowing Disc
JD 145 5-16 Plow
JD 145 4B Plow
IH 550 5-14 Plow
IH 3-14 Trailer Plow
JD 950 15' Roller Har-
row

Ford 3 pt. 201 Disc

HAY EQUIPMENT

NH 1495 SP Haybine, 1
yr. old.
JD 24T Baler w/ejector
sharp
IH 37 Baler w/thrower
IH 420 Baler
JD 14T baler
NH 256 Rake
NH 451 Mower, used
once

MISCELLANEOUS

IH 1250 Grinder Mixer
w/scale
NH 30 Whirl-Feed 1000
RPM Blower
IH 555 Manure Spreader
NH 675 Manure
Spreader
NH Flail Spreader
MF 205 Spreader
JD 70 Tank Spreader

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone 717-362-3132

Farmall Tractors

1206, 1468, 856, 656, 460,
350, 240, A, C, & Cubs.
Ford 9000, 8000, 7000,
6000, 4000, 5000 & 8N.
Oliver 2150, 1950, 1850,
1355, 1650, 1800 & 880.
Case 4 Wheel Drive 1200,
1070, 830, 930, 730 & 630.
Deutz 10006, 9006, 6006,
6005, 5005 & 5505. Trac-
tor with Loader. Massey
Ferguson 1130, 3165,
1100, 1085, 90, 85, 178,
165, 180, 150 & 50. John
Deere 4020, 4010, 3010,
3020, 1020, 730, 430 & 630.
Moline G1000, 705, 445, 5
star & 670. Allis
Chalmers 190, 180 & D14.
1 to 5 Bottom Plows,
Disc Harrows,
Rotovators, Chisel
Plows, Roll Over Plows,
Cultimulchers, 2-4-6
Row Corn Planters,
Cultipackers, Lillston
rolling Cultivators,
Balers, Rakes, Mowers,
Potato Planters, Rotary
Mowers, Stone Picker,
Harvester, choppers,
Blowers, Forage
Wagons. 1-2-4 Row 3
Point Cultivators, Hay
Fluffers, Crimmers, Li-
quid Spreaders, 1 & 2
row Transplanter,
Grain Drills, Grinder
Mixers, Blades 2 pt., 3
pt., & Snap Coupler.
Clay Tank Spreaders. 3
Point Backhoes, Skid
Loaders, Trenchers,
Pay Loaders, Fork
Lifts, Tractors with
Loaders & Backhoes.

Hundreds of Tractors
and lots of Equipment
not listed.

CLYDE E. KEENER
Intersection of
Rts. 72 & 283
Lancaster, Pa. 17601
Phone: 717-569-9861



USED EQUIPMENT

Farmall MD
Farmall F-12 Tractor
Farmall 300 Gas Trac-
tor
JD A
JD 555 Plow
MF 35 Diesel Tractor
MF 81 Haytender
MF 300 Combine
MF 510 Combine
MF 55 Plows
MF 125 Baler
MF 72 Mower
NH 68 Baler
Sauder Loader D2-20
Ontario Grain Drills
JD Grain Drill
IH 205 Combine
Used Hay Tedders
Used Manure Spreaders

NEW EQUIPMENT

MF 230 Gas Tractor
MF 245 Diesel Tractor
MF 275 Tractor
MF 285 Tractor
MF Balers
MF 25 Rake
MF 42 Mower
MF 226 Blade
MF 428 Cultivator
MF 550 Combine
MF 750 Combine
MF 82 Plow
NI 177 Elevator
NI 212 Manure Spreader
NI 213 Manure Spreader
NI 214 Manure Spreader
NI 402 Rake
NI 106 Fertilizer
Spreader
NI 109 Fertilizer
Spreader
Pittsburg Harrow
Brillion Cultimulchers
Century Sprayers
Snapper Lawn Equip.

**N. H. FLICKER
& SONS, INC.**
Box 68
Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

FARM EQUIPMENT

\$400 thank you

You'll like our way of saying "thanks." Buy a new 43 to 80 PTO horsepower Case low profile tractor between Feb. 1 and March 31, 1979, and get \$400 worth of free options or attachments* at participating dealers. When we say "thank you," we put our money where our mouth is.

*Retail value



USED TRACTORS

MF 1130 with cab Ford 4000 Gas (1970)
MF 235 diesel Ford 6000 diesel
David Brown 990

USED COMBINES

Ford 642 gas, 4 row narrow 13 ft. grain
AC C-24 row narrow, 14 ft grain
MF 722 row corn 10 ft grain
White 1978 8600 diesel, cab, and air, 240 hrs

USED TILLAGE & PLANTING

MF 720 disc, 12 ft
White 5 btm semi mounted plow, auto reset
AC 4 row no-till Planter
White 5400 4 row, no till Planter with monitor
White 543 Planter

USED MISCELLANEOUS

IH #40 Flail Shredder 12'

STANLEY'S FARM SERVICE

Rd Box 46
Klingerstown, PA
717-648-2088

NEW EQUIPMENT

Pittsburgh spring harrows, 9'; \$480, 10' \$505.
Farm Bilt wagons, 6 ton \$365; 8 ton \$420.
Zimmerman elevators, 28' \$895; 32' \$975, 36' \$1125.
MC rotary scythe
Hesston 1090 windrower (March Bonus)
Hesston 1070 windrower (March Bonus)
Hesston 2000-100 forage harvester
New & Used Wisc. engines

USED EQUIPMENT

NH 268 baler w/thrower... \$2200
NH 315 Baler w/#70 thrower Baled 3000 Bales... \$5900
IH 56 2-row, sharp... \$1050
NI cut-ditioner... \$1300
NI side delivery rake... \$200
NH 451 3 pt mower... \$700
Hobart welder
NI crumper... \$400
12 ft. pull type spring harrow... \$350
NH 276 baler, like new... \$3400
NH 455 mower
NH 456 Mower, like new
JD 1240 plate corn planter... \$1800
IH horse corn planter
JD KBA 24 disc with new blades... \$575
NI 217 spreader with tail gate... \$850
AC 140S manure spreader... \$750
JD 32 hay conditioner (nice)... \$450
Oliver 2 bottom trailer plow, hyd lift... \$250
NI 323 picker... \$2700
NH 54A baler power... \$450
9 & 10 ft. cultipackers
MC Chopper... \$495
Case 555 Haybine... \$700
PTO 1-row potato digger... \$250
Hesston 1520 manure spreader, demo, list \$8900... \$3500
Hesston 5600 baler, demo... \$4200

TRACTORS

Ford 861... \$2200
IH 400... \$1700
XT 190 gas w/cab... \$5800
500 Case standard
W9 g. sold
D19 Gas... \$3500
JD A
AC D19 gas... \$3500
AC XT 190 Diesel... \$5800

MILLER'S REPAIR

717-656-9013

FARM EQUIPMENT

USED EQUIPMENT

IHC 150 PTO Spread
AC 7000 Tractor w/cab,
1100 hrs. good cond
AC XT 190 Tractor
w/cab
Farmall 666 Tractor, ex-
cellent
Farmall 460 Gas Trac-
tor
Farmall 450 Diesel
Tractor
IHC 656 Gas Tractor,
overhauled



COPE &
WEAVER CO.
New Providence
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Dry grain in your truck bodies for top prices. You may wish to contract for harvest time C.O.D. delivery at present contract prices of approximately \$3.25 July Wheat, \$6.50 November Beans, \$2.50 corn. Save 35¢ storage, interest and insurance charges. Haul right out of the field, no unloading labor or waste, no pollution or dust; 250 bu/p/hr, 5% reduction in moisture, at approximately 5¢ bushel in cost. Buy or lease.

Call
302-653-9651
TRUCK DRYER,
Kenton, Del.
19955

FARM EQUIPMENT

FOR SALE

JD 3020 diesel, power shift, wide front, side console model, 90% rubber.
JD 4010 diesel, wide front, ~~overhauled~~ wheels or rubber
JD 730 D, electric start, wf, fenders
JD 730 N.F., diesel, electric start.
IH 574 w/loader, less than 900 hrs.
IH 550 harvester, narrow-wide row head
NH #7 forage wagon 11 ton gear, tandem axle.
5 Ton NH running gear 11L tires
NI 214 spreader, hyd. end gate 200 bu.
JD AW disc
IH 12 ft. transport disc, like new
Case 10 ft. transport disc w/cyl.
IH #540 4 bottom semi-mount plow
JD 24 T baler w/#2 thrower
NH 460 haybine
JD side mount mower
JD 55 table blower
JD 567 wheel rake
NH 69 Hayliner
Dunham 16 ft. cultipacker w/transport wheels
JD hay crumper
NI hay rake
MF & JD front end weight

J. A. SHIRK

Rt. 1 Box 519
Narvon, PA 17555
215-445-4280

FOR SALE

Tractors

Farmall M, good cond.
IH 400 gas
Farmall H
IH 460 gas
JD A
JD B

Combines

IH 918 ft. combine
Massey 510 diesel, 2 heads
Gleaner F gas, 2 heads
Gleaner A, 2 heads
MF 82 combine w/10 ft. & p.s.

Miscellaneous

Hesston 12' self propelled haybine, clean
IH 430 baler less than 2000 bales
IH 1 PR picker
Oliver picker, 2 row
Woods picker, 1 row
Ford 3 pt. picker
N 7 picker
Sauder loader
Sauder snow blade
IH Scout for parts, 4 wd, good running drive line
High moisture ground ear corn attach. for IH 650 harvester
IH 55 harvester w/2-row \$650
IH 37 11 ft. wheel disc
NH 269 baler w/thrower
JD 707 4 row rotary cutter
MH 36 flail chopper, reconditioned

Tractors For Parts

Farmall M gas & diesel
Farmall H, Super, C, F14, Ford 860
D17 Allis
3 Oliver 70, Vac Case
Ford 8N rear end, wheels & tires most sizes
WD Allis
SC Case
Ford 8N
JD 60 w/lve PTO

Combines For Parts

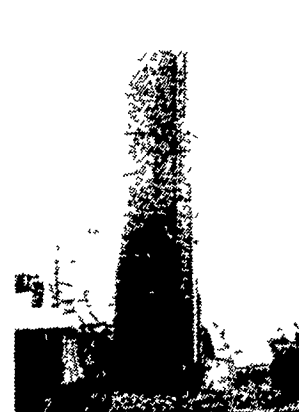
Gleaner CII, pull type. Massey 82, 92, 80, 90, 26, 27, 35. Clipper, IH 303, 151, 101, 125, 127, 52, 76, 64. Ford Sp & Pull type, Woods, Oliver, Clazy, SP, Case, AC, IH 203 combine engine will fit 504 tractor, Gleaner A combine

KEITER'S FARM MACHINERY

R D #1 Halifax PA 17032 Rt 225 20 mi from Hbg
Phone 717-362 9574 or 362-9096

FARM EQUIPMENT

FARM EQUIPMENT



Used
20 x 80
Harvestore
★
Available
Immediately

717-354-9422

SPECIAL of the WEEK

NEW WHITE 2-60 TRACTOR
\$9900.00 Straight Sale
SN #954673

**PAUL M.
BYERS, INC.**

1700 EDGAR AVE.
CHAMBERSBURG, PA.
717-263-8568

**WHITE FARM & GARDEN
DEUTZ PAPEC**

Wisconsin Engine Winco Generator



Nothing runs
like a Deere

THIS WEEK'S SPECIAL NEW HOLLAND 1469 SELF-PROPELLED HAYBINE

USED FARM EQUIPMENT

JD 3020, PS, 1968
JD 3020, 1970
JD 730 Diesel
Case 700 Diesel
Case 530 w/Loader
Farmall 560
Farmall 400 Diesel
JD 38 Forage Harvester
JD 34 1-row Fg. Harvester
NH 717 Harvester
NI Pull Type Picker
Sheller, 2-rows
JD 14T Baler
JD 24T Baler
JD 224 Baler
JD 336 Baler
Ford 530 Baler
NH 271 Baler
NH 269 Baler
IH 46 Baler w/thrower
NH 1469 SP Haybine
NH 495 Haybine
NH 469 Haybine
JD 4400 Combine w/corn & grain heads
JD 1209 Mower Conditioner
Hesston 500 SP Mower Conditioner
Hesston PT 10 Mower Conditioner
Owatonna 9' Mower Conditioner
JD 1240 & 290 Corn Planters
AC 4-row no-till Planter
NH 27 Blower
Farmhand Wheel Rake
IH 2 pt. 3B Plow
16' Lever Harrow
NH 346 Spreader
15 HP 3 phase elec. Motor

NEW FARM EQUIPMENT

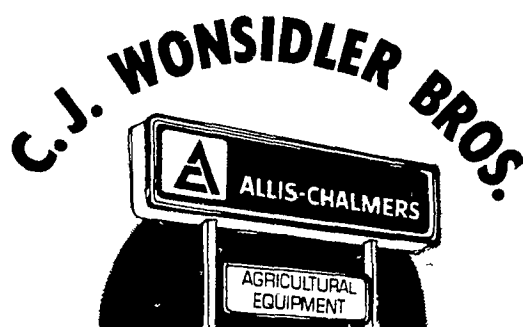
JD 4840 Tractor
JD 2840 Tractor
JD 2640 Tractor
JD 7000 Corn Planters
JD 1207 & 1209 Mower Conditioners
JD 1600 Chisel Plow
NH 707, 770 & 890 Harvesters
JD 35 & 3800 Forage Harvesters
JD 5440 & 5460 SP Fg Harvester, (1 each)
NH 1-R Snapper Head
JD 336 & 346 Balers
NH 310 & 320 Balers
Tye No-Till Seeder
JD 18x7 Grain Drill
JD 1700 Mulch Tiller
JD Rotary Hoe
Bobcat Skid Steer Loaders 530, 610, 632, 722
JD Manure Spreaders 40, 54, 660, 680, & 790 Flail
NH Manure Spreader 791
Glencoe Soil Savers
Athens Disc Harrows
JD 100 Stak Wagon
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure Spreader

FREE FINANCE ON
JOHN DEERE & NEW
HOLLAND FORAGE
HARVESTERS, HAY
TOOLS & COMBINES.

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201 Phone: 717-263-4103



**TRACTORS**

Farmall 1256 Diesel, only 2300 hrs.
 Farmall 706
 Farmall 460 Diesel
 IH Cub Lo-Boy 154 w/mower, like new!
 JD 4020 Diesel
 JD 430
 JD G
 JD MT w/3 pt. hitch
 White 2-85 w/only 700 hrs., like new!
 White 4-180 w/only 600 hrs.
 Oliver 1950-T Diesel, 2300 hrs.
 Oliver 770
 Oliver 88
 Oliver 77
 Oliver Super 77 Diesel
 ACD17
 ACD15
 AC WD45
 AC WD
 Case 730 Diesel
 MF 50
 MF 35 w/loader

COMBINES

AC Gleaner E w/cab, grain & corn heads
 AC Gleaner CH w/grain & corn heads
 JD 45 w/grain & corn heads

COMBINES (cont.)

JD 45 w/grain & corn heads, 1968
 IH 815 w/cab, air & heat, 13' grain head, and 430 corn head
 MF 82 w/grain & corn heads
 Fox Self-propelled 2-row corn head & pickup

MANURE SPREADERS

NI 213 Single beater
 NI 214 Single beater
 NI 213 Flail
 NI 212 Single beater
 NH 675 Single beater, 275 Bushel

SKID LOADERS

Mitey-Mac Model 8 w/rebuilt engine & machine, like new w/material bucket & manure forks

OTHER EQUIPMENT

NI 4-row Flail Chopper
 (2) JD 13' Disc
 JD 12' Disc
 AC 10' Disc
 Oliver 5400 Air Planter
 JD 494 Planter
 JD 15 Boot Drill
 McCormick 12 Boot Drill

YOU CAN SAVE HUNDREDS OF DOLLARS ON YOUR NEW AC 600 NO-TIL PLANTER.

We have 4 and 6 row planters in stock.
AIR CHAMP or PLATE TYPE
 "Be Sure To Call Us Before You Buy Your Next Planter!"

Trumbauersville to Finland Rd., Quakertown, PA
 CALL (215) 536-1935, 536-7523 or 767-7611 (New Tripoli)



Terrific tractors-terrific deals.

Now's the best time ever to get the deal you want on the Allis Chalmers tractor you need. Call Steve or Jack and see for yourself the terrific deal you can make. We will not be under sold.

NEW AC NO-TIL 333 SERIES CORN PLANTERS IN STOCK

Waiver of Finance on all New Corn Planters Till 6/1/79, New Combines till 9/1/79.

NEW TILLAGE EQUIPMENT

2 & 3 Bottom Mounted Plows
 4, 5 & 6 Bottom Semi-Mtd. Plows
 AC 6-row Air Planter w/liquid fert \$6800
 AC 4-row Planter \$3600
 9' thru 13' Disc Harrows \$\$\$ SAVE \$\$\$
 AC 5040 Tractor Demo \$5,995

USED EQUIPMENT

Ford 3000 \$3800
 Ford 901 w/cult & side dresser
 Ford 800
 Ford 8N w/cracked bar
 Ford 8N, clear
 AC WD 45 Diesel
 AC WD Gas WFE \$800
 AC WD w/cultivator
 Farmall 706 Gas good shape \$4600
 Farmall 706 Gas good shape \$4600
 Farmall 706 Gas good shape \$4600

Farmall Cub w/mott mower
 IHC 2414 front end loader
 (5) 3 pt 2B Plows
 (4) 3 pt 3B Plows
 Case 960 Combine \$4200
 MF 510D Combine \$8900
 JD 2-row 3 pt corn planter
 (3) 3 pt Disc Harrows 6'
 NI Manure Spreader 75 bu
 (3) Cub Cadet Mowers
 AC B212 Mower
 JD 100 Lawn Mower



TOWNE TRACTOR
 Highway 33, Freehold, NJ
 201-431-3838

FARM EQUIPMENT**FARM EQUIPMENT**

FREE 3-POINT HITCH...

and quick coupler — or — \$2,738 worth of options/attachments* Your choice, free, with purchase of new Case 2470, 2670 or 2870 tractor. Or, if you buy one of our used four-wheel drive tractors, any make, we will waive finance charges until July 1, 1979. Both offers good from March 1, through April 30, 1979. See your participating Case dealer now.

*retail value

**FOR SALE**

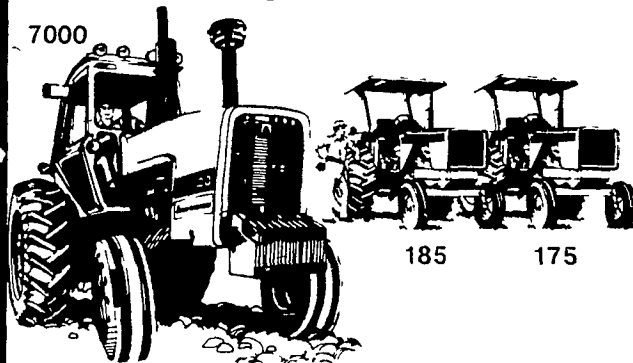
Grain dump body with 600 bu Omaha standard dump with full tail gate on 1968 Ford F800, cab over, 10 wheeler
 New Snowco grain cleaner
 JD 410 round baler
 Ammonium Nitrate for top dressing in 50 lb. bags \$145 ton, in lots of 5 tons \$140 ton.

609-737-2800



BOX 126 North Main Street Pennington New Jersey 08534

Terrific tractors-terrific deals.



Now's the best time ever to get the deal you want on the Allis-Chalmers tractor you need. With savings of up to \$1,200, depending on model. Choose the rugged 62 PTO hp* 175, or the dependable 74 PTO hp* 185. Or the hard-working 7000, with 106 PTO hp*. Or any other Allis-Chalmers tractor, up to the biggest. You know how well Allis Chalmers tractors are engineered and built. The advanced features they offer. And we provide parts and service to match.

Right now, we're ready to make the best deals you've ever seen. So stop by. See for yourself the terrific deal you can make on a terrific Allis Chalmers tractor.

* Manufacturers maximum observed horsepower at rated engine speed



See us before you buy any tractor

Time Payment Waiver On These Tractors
 Until June 1, 1979

PETERMAN
 FARM EQUIPMENT, INC.
 225 York Road, Carlisle, Pa.
 Phone: 249-5338

FARM EQUIPMENT**FARM EQUIPMENT**

JOHN DEERE MAXI-MERGE 7000 6-ROW 30" PLANTER NEW JOHN DEERE TRACTORS

4840 SOLD Duals

(2) 4840's, PS, 23 134 and 18.4-38 Tires

TRACTORS

JD 4520 Dsl.
 JD 4020 Dsl., PS
 JD 4020 D '68
 JD 4010 Dsl. WFE
 JD 3020 Gas
 JD 3500 Dsl.
 JD 2510 Gas
 JD 1020 Gas
 JD 820D 3 cyl.
 IH 1566 D w/cab
 IH 1463 D w/cab
 IH 826 D
 IH 706 D, WFE
 IH 706 Ger. Dsl.
 IH 674 Dsl.
 IH 560 Gas
 IH 130 w/mower
 Ford 9000 w/cab
 Ford 5000 Dsl.
 Oliver 1850 Dsl

SKID LOADERS

Melroe Bobcat
 Owatonna

CORN PLANTERS

JD 1240 & 1250 Plateless dry fert., DD openers on corn & fert.
 (New) JD 7000 4 row 30"
 IHC 4 row cyclo DD openers, liq. fert.

PLOWS

JD 4 & 5 B semi-mtd.
 JD 3 & 5 B Auto reset
 IHC 4 & 5 B semi-mtd.
 Oliver 5 B semi-mtd.
 White 5 B 16" spring reset
 JD 360 Hyd. reset 6B on-land hitch

DISCS

JD BWF, 14' & 19' wing
 JD BWA, AW, 12'6", 13'10"
 JD TWA Plowing Disc
 Offset Discs - JD 10' Miller 12'

COMBINES

Gleaner A w/cab, grain platform and 2-row corn head
 Gleaner K w/cab & 10' grain platform
 MF 410 w/Quick Tach Grain Platform & Pickup Reel. Choice of corn heads.
 MF 82 w/platform & 2 row corn head
 IH 715 hydro w/grain platform & 4-row wide corn head
 JD 4400 D w/grain platform & 4-row narrow corn head, ex. cond.
 JD 4400 Gas w/grain platform, very nice
 NI 701 Uni 710 combine, 13' platform, 723 2-row C.H.

BALERS

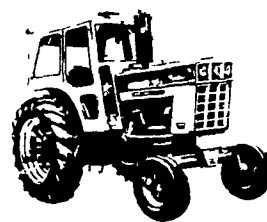
JD 346 wire & twine w/#30 thrower
 JD 24T w/#30 thrower
 JD 336 w/#30 thrower
 NH 276 w/thrower
 NH 268

HAYBINES

NH 477, 479
 JD 485 & 1209
 Owatonna 9 ft.

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049
 215-965-5203



USED EQUIPMENT

Set of duals for 5020 John Deere
 AC 185 Diesel w/cab
 Farmall 826 Hydro Diesel w/year round cab
 Farmall 656 Hydro Dsl.
 Farmall 806 Diesel
 Farmall Super M w/Loader, live Hydraulics
 Farmall 1256 w/IH(SOLD)Loader
 New Red Seat 986 International, cab & air, \$20,500.00. What Would You Give?
 IH 86 Hydro w/38 hrs.
 IH 856 w/cab(SOLD)
 IH 1066 w/cab & duals(SOLD)
 IH 1456 2/cab
 Deutz 7206 perfect
 JD 820 2 cyl. Diesel
 Uni 705, slight fire damage to motor, not in cab.
 JD 4400 Gas Combine w/13' table. \$13,750
 (2) 14' Miller Offset Disc, 1 yr. old
 JD 6 row Plateless Planter w/li(SOLD)squeeze pump
 MF 300 quick tach combine w/corn head and grain platform, real nice
 Gleaner K Combine
 NI Wide row pull picker w/8 roll bed
 Lots of Front and Rear IH Weights
 (3) New IHC 2350 Mount-O-Matic Loaders w/84" buckets
 Oliver 6 row air planter
 John Deere 48 Loader
 New Duals for any make available in 1 day's notice.

Most of our Tractors Sold Thru Winter
 Carry a 100% Money Back Guarantee
 Thru May 15, 1979.

RAYMOND B. LEAMAN

Willow Street RD 1, Ph: Lancaster 464-2778
 Midway between Lancaster & Quarryville
 off Rt. 222 take Brenneman Road
 at Graybill Bros. Garage, Refton

FARM EQUIPMENT

SERVICE & REPAIRS

For Allis Chalmers, New Holland, Starline, VanDale, and other farm equipment.

N.H. NEW EQUIPMENT

365 Manure Spreader
718, 770 & 892 Fg.
Harv.

Haybines
230 & 234 Wagons

#8 Forage Boxes

Pickup Head 770

25, 28 & 30 Blowers

Balers & Rakes

845 & 850 Round Balers

1400 SP Combine,
Dies, Hydro Drive,
Air Cond., etc.
SPECIAL PRICE

N.H. USED EQUIPMENT

469, & 479 Haybines
890 Fg. Harv. w/2R Head
33 Flail Chopper

Flail Att. for Baler

717 Forage Harvester w/2

row heads

1880 SP Fg. Harvester

357 Grinder-Mixer

MISC. USED EQUIPMENT

Farmhand 810 Grinder-

mixer

Leyland 344 Tractor

w/loader

7' Graham Plow

IHC Baler w/thr. used 1 yr.

IHC 40 Spreader

710 Starline Tank Spreader

NI Side Rake

Rear Unload wagon

Lamco Forage Box

28' Zimmerman Elevator

Also Dealer For

Pequea Tedders & Saws

Zimmerman Elevators

ROYA

BRUBAKER
SALES • SERVICE

Phone:

717-626-7766

700 Woodcrest Avenue

RD3, Lititz, PA

FARM EQUIPMENT

TRACTORS

Oliver 1950T, 550G,

550D, 88D, 77G, S77D

w/picker

Case 1070

White 2-44 Backhoe, 400

hrs.

IHC 460 w/loader

JD 530 PS & 3 pt.

LOADERS

Oliver 1610

Kelly 600

IHC 2000

COMBINES

1976 White 8600

AC C-II, 4-row Corn &

13' Grain Head

SKID LOADERS

Used Mustang 330's,

Rent or Sale

PLANTERS

6-row

White 5400

AC 770

JD 1440

IHC 400 cyclo.

4-row

IHC 56

JD 1240

JD 494A

HAYBINES

(4) (5) NH 469

IHC 990

Gehl

GRINDER-MIXERS

Used NH 354

SPREADERS

(3) NH Tank spreaders,

rebut w/6 mos. war-

ranty

Also

Used NH Forage Boxes

SHEETS BROS.

Massey Ferguson

New Holland, White

1061 Carlisle St.

Hanover, Penna.

717-632-3660

FARM EQUIPMENT

MASSEY FERGUSON
SPRING SPECIALS

List SPECIAL

MF880 4-16's Auto

Reset Plow \$4,562 \$3,775

MF82 3-16 Plow 1,767 1,500

MF720 12 Ft. Disc 6,100 4,775

MF520 10 Ft. Disc 2,725 2,500

MF468 6-row corn

Planter 4,600 4,150

MF33 17-Run grain &

Fertilizer Drill 3,675 3,275

Glencoe 7 Tooth

Soil Saver SSP7B 5,100 4,775

Poplarville 10 Ft.

Cultimulcher 3,700 2,600

LEBANON VALLEY
IMPLEMENT CO.

700 E. Linden St., Richland, PA

Phone: (717) 866-7518

SPERRY+
NEW HOLLAND **case**

GEHL, BUSH HOG
NEVIN N. MYER
& SONS, INC.

RD1, Chester Springs, Pa.

New Holland has Free
Finance on Hay Equip-
ment until May 1, 1979
Forage Harvesters with
Hay Pickup till May 1,
1979 and Aug 1, 1979 on
Forage Harvesters with
corn heads and com-
plimentary equipment

New Holland Equip-
ment in Stock with
Special Prices on
Model 513 Manure
Spreaders

CASE-TRACTORS

UNDER 90 H.P. have the
largest discount ever
and they're interest
free til April 1, 1979

So if you are plann-
ing to buy a tractor in
this horse power
range, Now is the time
to do it

990, 995, & 1210

1070 w/roll protective
frame 8 sp dual
range, 20 8x38" rear
tires, 240 5 hrs
\$14,500

(1) 1370 Cab, Air Cond &
Heat, PS trans,
20 8x38" Rr tires, frt
weights 234 hrs
\$21,350

VICON FERTILIZER

SPREADER

PS 400 3 pt hitch 600 lb

capacity \$625

PS 500 3 pt hitch 900 lb

capacity \$675

PS 600S 3 pt hitch 1400

lb capacity \$795

PS 1001 trailer type 2400

lb capacity \$1895

GEHL FORAGE EQUIP

IN STOCK

BU 99 Blower

BU 920 Forage Boxes 6'

sides w/screen sec

tion pintle aprons,

3rd btr and roof And

Free Finance

FC 72C Flail Chopper

NEW STARLINE

ROTA SPREADERS

IN STOCK

Extra Discount The

Earlier You Buy

Models 930 950

NEW

TILLAGE EQUIPMENT

Bush Hog

(1) 1432 127 Tandem

Disk Harrow 20

blades 10 6 cutting

width \$1 795 00

(1) 1436 073 Tandem

Disk Harrow, 22"

blades 12'8" cutting

width \$2,995 00

Glencoe SSP-7 Soil Saver

\$4,195 00

Case 1800 3 pt Chisel

Plow 10' & 12'

cushion clamp 32"

shank

MISC NEW EQUIP

Sidewinder 7' Trailer

Rotary Mower

Sidewinder 5' 3 pt hitch

Rotary Mower

USED EQUIPMENT

TRACTORS

Case DC w/loader

Oliver 77 Gas

AC WD Diesel w/loader

HAYBINES &

MOWER CONDITIONERS

NH 460, 461

NH 469, 479

FORAGE HARVESTERS*

NH 717 w/hay pickup or

corn head

NH 5717 w/hay pickup or

corn head

Gehl CB 600 w/hay pickup

and corn head

NH 880 N2 corn head

FORAGE WAGONS

(1) NH #7

(1) JD 214

TILLAGE

Oliver 253 Disc 13'8" cut

12'2" Pittsburgh Disc

RAKES

NH 258

MOWERS

NH 451 Sickle Bar

IHC Sickle Bar for Cub

Woods 9 1/2' Rotary Mower

(trailer)

Sunmaster 72" 3 pt hitch

BLOWERS

NH 23

NH 27

766 Lanc Level Flo Silage

Dist w/24' Gooseneck

BALERS

NH 271 w/PTO thrower

rebuilt and repainted

NH 271 w/PTO thrower

rebuilt

NH 268 w/PTO thrower

NH 1281 SP wire tie

MANURE SPREADERS

NH 675 single beater

NH 346 Tank Spreader

NH 202 Spreader

NI 215 triple beater

FRONT END LOADERS

Sauder Bro FHV 20

Sauder Bro FM 20

SKID STEER LOADERS

Case 1740D

Call Ken Myer

215-827-7414

NEW WHITE
EQUIPMENT
SPECIALS

1 - White 2-50 D Tractor \$8,750.

1 - White 2-60 D Tractor
w/cab and heater \$12,500.

1 - White 255 Disc Harrow 16'4" 52 blades,
7" spacing, 7 gauge
blades, dual wheels,
9.5Lx15 8 ply tires \$4,250.

2 - White 255 Disc Harrows 11'6" 36 blades
7" spacing, 7 gauge
blades with new 9.5Lx15
8 ply tires \$2,900.

1 - White 256 Disc Harrow 12'8" 40 blades
7" spacing, 7 gauge
blades, 9.5Lx15
8 ply tires \$3,100.

1 - White 256 Disc Harrow 21' 58 blades,
7" spacing, 7 gauge
blades, dual wheels,
9.5Lx15 8 ply tires \$5,000.

1 - White 543 Corn Planter, 4-row,
granular fertilizer and
insecticide attaches \$3,250.

1 - White 5400 6-row Aire-Planter, granular
fertilizer and insecticide
attachs. w/stand. monitor . . . \$6,300.

1 - White 458 Chisel Plow
3 pt. 10 tooth \$1,600.

1 - White 285 Field
Cultivator, 12 1/2' \$1,750.

1 - White 508 Plow, 4 bottom 18" cushion trip
with spring coudlers, cover
boards & gauge wheel. \$3,000.

USED 1973 FORD LN 750 TRUCK
26,000 GVW WITH NEW OMAHA STANDARD
14' GRAIN BODY AND HOISTS
EXCELLENT CONDITION
\$9,000.00

USED EQUIPMENT

Oliver 1355 Diesel Utility Tractor

Oliver 1465 Diesel Utility Tractor, like new

condition

Oliver 540 Corn Planter, 4-Row,

like new cond

\$2,250

JD 1240 4-row Corn Planter w/granular fert &

insect attch w/monitor

\$2,650

JD 1240 4-row Corn Planter w/granular fert,

insect attch & double

disc openers

\$3,000

Oliver 251 Disc Harrow 9'

\$1,250

Oliver 565 Semi-Plow 4x16,

cushion trip

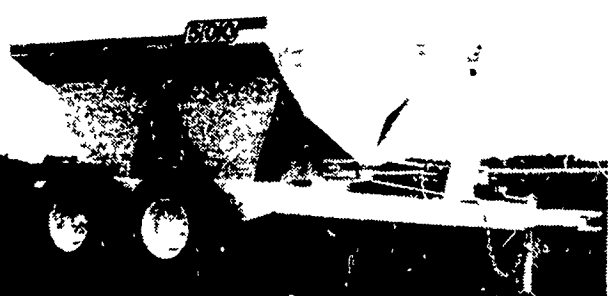
\$1,650

FARMERSVILLE EQUIPMENT
INC.

RD4, EPHRATA, PA. 717-354-4271

Hours: Mon. thru Fri. - 7:30 till 5:30

Thurs. till 9:00 — Sat. till 3:00



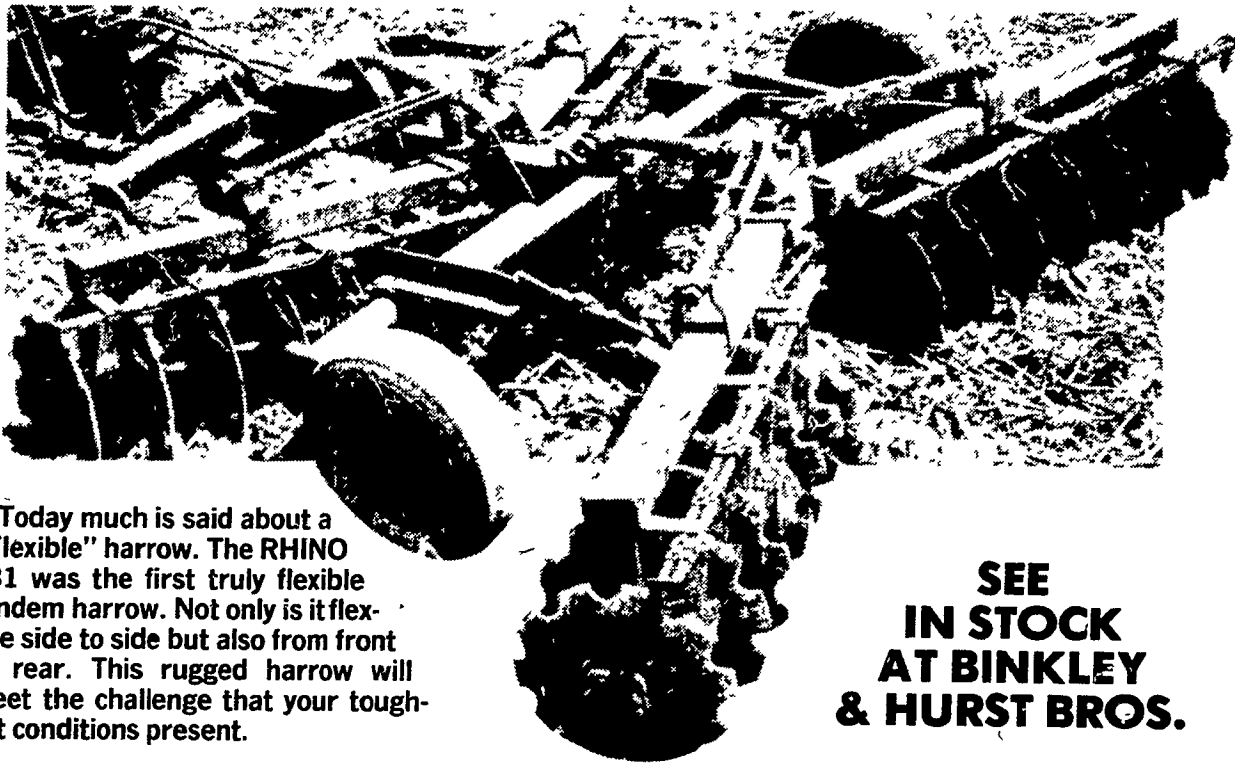
WILLMAR 5 TON SPIN SPREADER

- For granular fertilizer
- Stainless steel hopper
- Simple - Accurate
- Auger for filling planting equipment available.

Parts for Willmar and boom spreaders.

WE KNOW SPREADERS.

RHINO 131 TANDEM HARROW



Today much is said about a "Flexible" harrow. The RHINO 131 was the first truly flexible tandem harrow. Not only is it flexible side to side but also from front to rear. This rugged harrow will meet the challenge that your toughest conditions present.

Hard-to-plow soils, heavy stalks, stubble and sticky rice levee lands are no match for the RHINO 131. It will disc, pulverize, mix and aerate the soil to protect against packing in heavy rains . . . and add profits to your pocket by producing better yields.

Built-in flexibility assures longer life and lower maintenance cost, while helping you produce a profit.

Turn a RHINO 131 loose in your field and you'll know you own the best.

**SEE
IN STOCK
AT BINKLEY
& HURST BROS.**

Ask About Our CASE Assured Availability Standby Program



**HAVE A GOOD DAY
...WITH YOUR CASE 4-WHEEL DRIVE..**

NOTICE:

**STOP BY AND SEE
THIS 300 HP TRACTOR
WITH THE FEATURES
YOU WANT!**

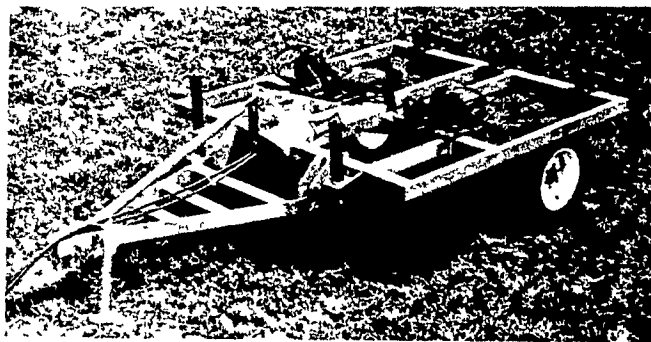
1. On the go power-shift transmission = no power loss.
2. PTO shaft to utilize full engine horsepower without a safety cut off switch.
3. The best visibility on the market - sit in our cab and see for yourself.
4. 4-way selective steering for row cropping & hillside farming.
5. 3 point hitch with quick coupler.
6. More horsepower to the drawbar for your fuel dollar.

WE ARE READY TO DEAL -WITH REBATES TO YOUR BENEFIT!

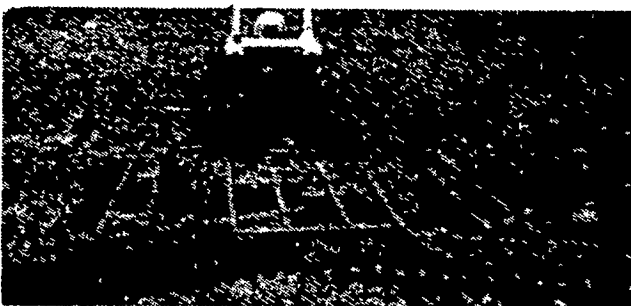


SOIL-MASTER®

5 - 7 - 9 SHANK IN STOCK



AMCO - The Disk Harrow YOU NEED!



MODEL F-15 FEATURES:

- Double offset tandem means overlapping front gangs, no ridging.
- Rock Flex spring hangers.
- Narrow transport width and height.

MODELS IN STOCK — SETUP & READY TO GO!

- ★ 18 ft. Wing Model with smooth 22" x 1/4" thick blades with covers, disks setup with flotation tires, hoses to tractor.
- ★ 19 1/2 ft. Wing Model, cutout front, smooth rear blades, 22" x 1/4" thick, setup with flotation tires, hoses to tractor, setup, Ready To Go!

**BEAT THE PRICE INCREASE WHILE WE
HAVE THESE UNITS IN STOCK!**

NEW AND USED TRACTORS & EQUIPMENT SPECIALS CASH & CARRY

Case 970 diesel Tractor canopy w/18 4x38 rear tires, 1976 model, white, power shift, 400 hrs	\$12,000
Case 930 Comfort King diesel Tractor, good paint	6500
Case 970 diesel Tractor, power shift, 18 4x38 tires, yellow paint, rebuilt rear	9900
John Deere 10 ft. Cultimulcher	900
(1) Case 770 power shift diesel Tractor, 65 HP	7800
MF Model 1105 diesel Tractor, cab, air, heater, 18 4x38 rear tires, 105 HP, under 500 hrs, like new	16,900
Oliver 1600 gas tricycle tractor w/2 speed shift, overhauled 261 hrs ago	3900
IH Model 1066 diesel Tractor, cab, air, heater, black stripe model, 20 8x38 rear tires, full set front end weights, rear wheel weights, less than 900 hrs, excel condition	17,900
Oliver Model 2150 diesel Tractor, over/under shift	8500
Oliver 1950 T Model with cab, 2 speed shift	9800
(1) Oliver 1850 diesel Tractor 2 speed shift, front end weights	5900
John Deere 530 gas, wide front Tractor w/power steering, rear tractor chains and JD Model 48 loader hydraulic	2900
Case Model 444 14 HP compact Tractor w/mower blade	1300
Ford 9N Tractor, good rubber, rear box scraper blade	1300
(2) Gehl Model 810 Forage Boxes, 6x14, 2 beater mounted on MF gears w/flotation tires	each 1200
Used Case 1845 diesel Unloader	8500
Grove Forage Box w/roof	950
New Holland #6 Crop Carrier w/roof	5900
John Deere 12' Spring Harrow	385
John Deere 20 hole grain drill	1200
Or Best Offer	

Case 580B diesel backhoe loader Tractor, 1900 hrs	13,600
Used 9'6" pull type Spring Harrow	175
Case 6 bottom 16" semi mount reset Plow	1485
Case Model 222 12 HP Compact Tractor w/mower and other attachments	1045
New Holland tandem axle Manure Spreader	800
New Holland single manure Spreader	Best Offer
New Gehl Model 250 Manure Spreader w/Gratz chain, liquid end gate & top beater	3532
New Glencoe 7 shank soil saver set up w/flotation tires	4200
Landoll 7 shank Soil Master, high clearance	3900
New Athens 5 tooth 2 bar high clearance chisel Plow, curved shovels	675
New Athens 7 tooth 2 bar high clearance chisel Plow, curved shovels	800
New Athens 7 tooth 3 bar high clearance chisel Plow w/gauge wheels, curved shovels	1100
Case 10 tooth high clearance 3 bar chisel Plow w/gauge wheels, curved shovels	1695
Pittsburg 460 Series heavy duty Disk Harrow Transport, 10'3" cut w/22" blades, weight 2700 lbs	2100
Pittsburg 3 pt 18 blade Disk Harrow, 5 ft wide	412
Pittsburg 3 pt hitch 7 ft Disk Harrow	482
Dunham 8'8" transport Disk Harrow, 20" blades	1525
Pittsburg 9'10" transport 32 blade Disk Harrow, 20" blades	1596
Pittsburg 1-row Cultivator, 3 pt hitch	195
Ezee Flow 3 pt Model 106 Fertilizer Spreader, 700 lb capacity, in stock	525
Pittsburg 2-row 3 pt Cultivator w/shields	395
Westgo 4 row Cultivator w/guide coulters	1324
Ezee Flow Rake similar to New Idea w/steel teeth, jack stand included	1453
Speed King 31 ft Bale Elevator w/shovel hopper, 62' chain	1130
Speed King 53'x6" transport auger w/Flex-I-Boot hopper & down spout, PTO drive	1125
New Eager Beaver 4 ton Tag-A-Long trailer w/ramps, tandem axle, electric brakes	1858
Gehl tandem axle Skid Loader trailer w/brakes	1850
Many different sizes new Cultipackers in stock	
New Gehl 800 Forage Harvesters in stock, also (1) 1200 Harvester	
New Gehl Model 180 bushel Manure Spreader w/Gratz chain, top beater attachment	2726
New AMCO double offset tandem 18 ft Disk Harrow, 22x1/4 heavy duty blades, set up ready to roll, weight 7300 lbs	7421
Darf 5 wheel Rake, 40" wheels, ideal for corn fodder	1125
Teben deep til 5 shank sub soiler, heavy duty, w/spring reset for rocks	3200
New Gehl Model 640 2 beater 4x16 continuous drive Forage Box mounted on electric wheel, 12 ton, single axle gear w/flotation tires (One only)	3200
New Gehl Model 640 3 beater and roof Forage Box mounted on Gehl tandem axle 12 ton gear w/flotation tires	3900
Gehl heavy duty 6 ton wagons w/extendable hitch, 6" rims	400
New Gehl Model 1070 7 ft Mower Conditioner, one only	3700
New Gehl Model 100 Grinder Mixer, hydraulic drive	4700
New Gehl 99 Blower, heavy duty PTO drive shaft	1595
Glencoe 13'6" transport field Cultivator, vibra shank, set up (tines harrows available in stock)	1513.50
New Rhino Athens Model 100 blade w/6 ft moldboard w/other 10 angle adjustments, limited supply	209
Rhino Athens heavy duty rock flex Disk Harrows	
Several different sizes in stock	
New rear tractor tires, 20 8x34, Goodyear Power Torque 8 ply	375
10 ply	395

Case **MODEL 1845
UNILOADER**

45 Hp. Gas
w/12.00x16.5 Tractor Tires,
73" Dirt Bucket and Bucket Level Gauge.



**NEW &
USED
MACHINES
IN
STOCK**



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133 Rothsville Station Rd., Lititz, PA. 17543 Ph: (717) 626-4705

Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

FARM EQUIPMENT

For Sale - IH cyclone 400 corn planter, 6-row, dry fertilizer, good condition. 215-255-5211.

For Sale - 2 used hammer-mills, Schutte model 1060, type F, York Co. 717-843-1443.



4020 John Deere Power Shift
856 IH Dsl
1256 IH Dsl
Farmall H
1150 IH Grinder-Mixer
36' NH Elevator
Gehl Flail Chopper
Hydro 100 Tractor
Bobcat Skid Steer Loader
OMC Mustang Skid Loader
IH 9A Disc
MF 10' Wheel Disc
IH 311 Plow
Athens 11' Chisel Plow
IH 249 2-row Planter
IH 440 Baler
NH 67 Baler

Fox 3000 Fg Harvester
2-row Hd and Pickup
NH 818 Fg Harvester
225 IH Hay Swather
PT10 Hesston Windrower
Farmhand Wheel Rake
JD #30 Pull Combine
Oliver Pull Combine
NI 702 Uni Combine
IH 234 Corn Picker
NI 324 Corn Picker
IH 2 PR Corn Picker
IH 224 Spreader
Brady 512 Feeder Wagon
Gehl 910 Forage Wagon
Badger 10 Ton Fg Wagon
56 IH Blower
300 gal Walsh Sprayer
DMI dual wheel kit
Winpower Alternator

**Special Price On
NEW LELY FERTILIZER
SPINNER SPREADERS**
3 pt. hitch

2% Cash Discount on All Parts

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**CHAMBERSBURG
FARM SERVICE, INC.**
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Phone. 717-264-3533



USED EQUIPMENT

Farmall 806 diesel
IH 656 hydro gas
IH 656 hydro
IH 464 gas
Farmall 656 gas
Farmall 460 gas
Farmall 100
Farmall C
Farmall C w/cult.
240 utility
154 Lowboy
Ford 671 Select-o-shift
IH 205 combine with 13 ft. grain head
IH 80 combine, pull type
IH 574 diesel with loader, like new
INDUSTRIAL TRACTORS

IH 3600A loader backhoe
IH 3444 backhoe
IH 4150 skid loader

NEW TRACTORS

IH 384 diesel
IH 484 diesel
IH 584 diesel row crop
IH 684 diesel
IH 784 diesel
IH 784 diesel row crop
Farmall 886
Farmall 986
Farmall 1086

**WM. HOBENSACK'S
SONS**
1060 Greeley Ave.
Ivyland, PA
215-675-1610
215-343-2101

FARM EQUIPMENT

For Sale - JD 35 Forage Harvester with corn grass heads. JD 336 baler with thrower, young grass preservative equipment, 2 tanks of preservatives, only baled 4000 bales. JD 1207 Haybine, 7' 3 years old. Ford 3 pt. hay rake. (2) hay bale wagons. Adams Co. 717-334-1903.

FARM EQUIPMENT

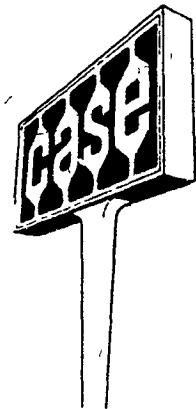
For Sale - 1968 Case 660 Combine 12' ft. head, 4 cyl. gas eng., gd. cond., best offer. Ph. 201-521-3539 or 201-828-8950.

For Sale - 8N Ford, rear sickle mower, pulley, overhauled, reconditioned, new tires, excellent condition. 717-865-6439 after 6 P.M.

FARM EQUIPMENT

For Sale - New spring harrows, 9 ft. wide, in 3 sections, 12 ft. wide also available. **LITTLE BRITAIN WELDING SHOP**, Amos N. Stoltzfus Rt. 2, Nottingham, PA. Also available by Jacob M. Stoltzfus, RD 1, Bird-in-Hand, PA.

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As a Case dealer, you're the Tractor Specialist. You sell and service the best in farm tractors. And you are backed by an industry first Assured Availability. It means that, during warranty, if a tractor bought from you isn't ready to go you can offer your customer free use of a replacement. And Case will back you up. Proof that when a Case dealer needs help, we do something about it.

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doing something about it.



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SCHAEFFERTOWN, PA

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Phone 717-949-6529
Ask for Lee or Ralph

HOURS: Mon. thru Fri.
7:30 A.M. to 6:00 P.M.
Sat. 7:30 to 12:00 Noon
Evenings by appointment only

CRAWLER LOADERS

(2) JD 450B	ea \$16,500
JD 450	\$12,500
(2) 955H 60A, lever steer	ea. \$9000
IH 150	\$9000
(2) JD 350 Dsl.	\$8500
AC HD6G	\$7500
IH TD340 4-in-1 bucket w/ripper	\$6500
IH 175	\$6500
IH 175	\$10,500
JD 2010 overhauled	\$7000
JD 1010 w/winch	\$5500
AC HD5 w/winch	\$4800
AC HD5	\$3500

CRAWLER DOZERS

JD 2010 6 way angle w/pto	\$7000
(2) JD 350 6-way	ea \$9500
Cat D6, hyd	\$9500
Cat D6, hyd.	\$8500
Cat D8, cable 2U	\$7000
Int 500 6-way	\$7000
Cat D7, cable	\$4000
IH TD-14, hyd	\$4000

BACKHOE LOADERS

MF 35 Backhoe - loader, overhauled	\$3850
Pettibone 600C	\$14,500
Cabot	\$8500
Case 580 CK	\$8000
Case 530	\$5500
Case 530	\$6500
JD 400 Dsl	\$8000
Ford 2000 w/cab	\$5250

TRUCKS

1967 Ford 10 wheeler, alum gas	\$7000
1965 Ford 10 wheeler, gas	\$7800
1975 Dodge, 4x4 w/snowplow	\$5500
1975 Chevy Blazer 4x4	\$5500
1977 Chevy Silverado, AC, PS, PB, EW	\$4850
1967 Int Truck Tractor	\$4500
1974 Louisville, hyd end gate	\$4000
1965 Int Truck	\$3400
1970 GMC 18 ft Cattle Truck	\$3000
1965 Chevy pk up	\$750

RUBBER TIRED PAY LOADERS

Mich 175A, series II, w/cab \$13,500

TRAILERS

CMI hyd folding gooseneck, 40 ton	\$15,500
15 Ton Tag-Along	\$3250
9 Ton General	\$1875

FORKLIFTS

Clark 6000 lb	\$4500
---------------	--------

PAVERS

Layton	\$2850
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AIR COMPRESSORS

Schram w/tools	\$2000
Davey 125	\$2850

GRADERS

Huber Wargo w/Cab	\$6500
Huber Maintainer w/cab	\$2450
Huber Maintainer	\$1850

SKID STEER LOADER

Case 1740 Diesel	\$5500
------------------	--------

ROLLERS

12 ton Huber	\$2000
--------------	--------

WELDERS

Hobart 250 Amp	\$800
Hobart 225 Portable	\$700

CARS

1972 Cadillac Eldorado	\$3500
1975 Plymouth Fury, AC, AM-FM Stereo, PW	\$3400
1972 Cadillac Eldorado, AC, PW, AM-FM	\$3000
1967 Cadillac Conv	\$2500
1967 Olds Toronado, AC, AM-FM Stereo, PW	
1971 Ford Maverick, AC	\$700

MOTORCYCLES

1976 Harley Davidson motorcycle, 74 series	\$3800
1971 Harley Davidson, 74 series	\$2000

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EXPERIENCE WORK FOR YOU

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NEW HOLLAND**

USED EQUIPMENT

TILLAGE - PLANTING

Oliver 4340 4-14 Plow
Oliver 540 4-Row Planter
Oliver 365 CT 3-16 Mtd Plow
Oliver 312 3 pt. 2-Row Planter
AVCO Insecticide Boxes for 4 or 6 Row Int Planter
JD 16 ft. Harrow
IHC 58 6-Row
White 5400 Planter

HAYTOOLS

IHC 37 Baler w/PTO
Thrower
JD 24T Baler w/Ejector
NH 402 Crimper
NH 401 Crimper
NH 469 Haybine
NH 479 Haybine
Case 555 Haybine

COMBINES & CORN PICKERS

JD 227 Picker

TRACTORS

Oliver 770 Gas
Oliver 1465
Oliver 1550 Gas
Farmall 200
Farmall 560 Gas
Long 560
JD "A"
JD "50"

FORAGE TOOLS

NH 717 Harvester w/1-Row
NH 27 Blower
IHC 350 Harvester w/1-Row & Pickup
JD 12 Harvester w/2-Row & Pickup
IHC 550 w/2-Row & Pickup
IHC 650 w/2-Row & Pickup
Lamco 16' 3 Beater, Roof with 8 Ton Gear
Fox 546 Harvester w/1-Row
Case Hopper-Blower

SPREADERS & GRINDER MIXERS

JD 44
NH 327S
NH 327T
NH 516T

NEW EQUIPMENT IN STOCK

WHITE

2-50 Tractor
2-60 Tractor
2-70 Tractor
2-85 Tractor
2-105 Tractor
2-135 Tractor

WHITE

543 4R Planter No Till
543 6R Planter No Till
5400 4R Planter No Till
5400 6R Planter No Till

WHITE

348 - CT & SAR Plow
508 SAR 4-B Plow
WHITE 251 10'4" disc

WHITE 8600 Combine Diesel Hydrostatic w/13' head & 4-Row Cornhead
NH 310-315 Balers
NH 850 Round Baler
NH 256 - 258 Rakes
NH 478, 488, & 489 Haybines
NH 890 Harvester
NH 8 Forage Box
NH Spreaders - All Sizes
Vicon 3 pt. Fert Spreader

NEW MACHINERY SPECIALS

McConnel 12' Harrow	\$575
Vicon PS 500	\$ 595
Vicon PS 600	\$ 810

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FARM EQUIPMENT

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FARM EQUIPMENT

FOR SALE

73 656 Industrial hydrostatic diesel, W.F.E., with 2000 front end loader, 540 4 btm. Int. plow, as is. \$6000.
Case 40 ft. hay & grain elevator with 8 ft. drop extension, hyd. pump or elec. motor \$1000.
NH 273 baler w/thrower, good condition \$1800.
JD lime spreader, 12 ft. \$300.
JD 4 row corn planter, needs work \$300
Int. 55 manure spreader, like new \$800
2 NH bale w/thrower \$600 for both
1957 Dodge 300 stake bod. line needs work \$150.

CONWAY COOPER

RD 2, Drums, PA 18222
717-788-1987 after 6
788-3394 days

FOR SALE

Farmall 504 gas tractor w/hyd. 3 pt. hitch, good cond. \$3200.
Leyland 272 tractor, turbo, (SOLD) hp., 1250 hrs., A-1 cond. \$8300
Brady Model 700 3 pt. hitch (SOLD) chisel plow w/new twisted shovel \$745
JD Killifer, 8 ft. offset disc harrow \$485
Landoll soil master pull type (SOLD) 11 ft. w/2 cylinders \$2900.
Sauder loader mod. FM 20 w/3 buckets, to fit Ford 4000. \$1065
MF 2000 loader to fit Case 430 \$985

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526



JD 4430 Tractor w/dual wheels
JD 4030 Tractor, QR, RG, ex cond.
JD 4020 side console WF
JD 4020 NF Tractor
JD 3010 Tractor
JD 2520 Side Console WF
JD 2440 Tractor
JD 2030 Tractor ex. cond.
JD 2020 Tractor
JD 60 Tractor
IH 856 Tractor
IH 414 Tractor
JD 716 Chuck Wagon
JD 3800 Chopper w/2 row corn hd.
JD 3800 Chopper w/2 row corn hd.
JD 34 Chopper w/corn head
JD 105 Combine w/platform, 4 & 6 row corn hds.
JD 55 Combine w/13' platform & 235 corn head.
JD 214 Baler w/thrower
JD 14T Wire Tie Baler
Hesston 5800 Round Baler, like new
JD 115 Chuck Wagon w/roof
JD 227 Corn Picker
AC 4 row Corn Planter, like new
John Blue Applicator

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
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John Deere design, dependability, and dealers make the difference



USED EQUIPMENT

TRACTORS

JD 4320 diesel, S/R w/duals, good cond
JD 2510 Gas
JD 50 w/cultivators
IHC 1586 Cab, air, duals, 600 hrs
IHC cub w/mower
JD 2510 diesel
JD 4520 diesel, PS w/duals, exc

CORN PLANTERS

JD 1240 4-row
JD 494 4-row
JD 1440 4-row, no till
AC 4-row, no till
JD 1250 6-row

PLOWS

F 325 mounted 4 btm 16" power reset
F 125 4 btm 14" mounted, trip
F 120 3 btm 14" trip
Model 415 2 btm 14" trip

SPREADERS ON SPECIAL

JD 54
JD 33
NI 213 165 bu
NI 214 195 bu
Cobey 195 bu

HAY RAKE

Used model 640 w/rubber teeth

COMBINES

JD 7700 Dsl, cab, air, 15' plat, 6 row N
IHC 815 Dsl. 13' plat, 4 R W
MH 82, 12' plat
JD 45, 10' plat

NEW IDEA UNI-EQUIPMENT

702 Power Unit, gas w/cab
727 Husking Unit
728 4-row N, corn head
720 2-row W, row crop
760 Harv Unit

DISC HARROWS

JD used AW 28 wheel type disc
JD 3 KBA 28 regulars
JD KBA 28 transport
JD 7802 offset 20 blade

USED FORAGE HARVESTER

SP Field Queen w/3 RN, 2 RW & hay pickup
3800 JD pull type, 2 RN, hay pickup

SEE US FOR WAIVER OF FINANCE CHARGES ON COMBINES, PLANTERS, HAY & FORAGE EQUIP., GRAIN DRILLS, TILLAGE TOOLS.

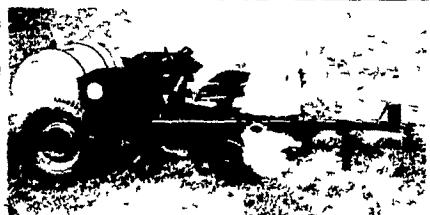
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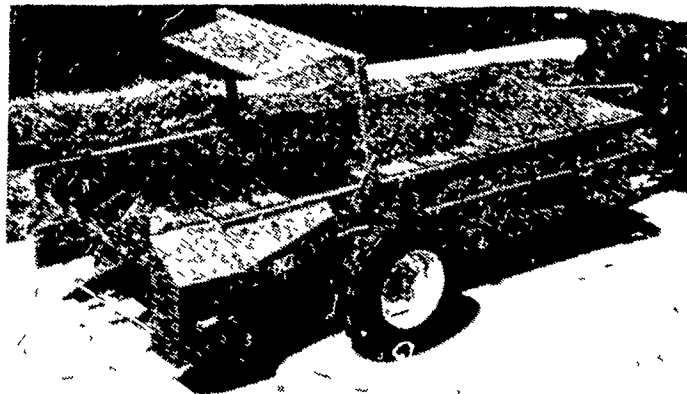
NEW AVAILABLE BY MARCH 31st -- GROUND DRIVE MANURE SPREADERS FOR ELEVATOR TYPE PIT MANURE



NEW Tomato and Tobacco Planters \$496⁰⁰

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**GLENCOE, LANDOLL AND TAYLORWAY
DISK HARROWS
CHISEL PLOWS
SOIL SAVERS
FIELD CULTIVATORS**



**217 BU KASTEN MANURE SPREADER
3 Speed Plus Cleanout
Corrosion Resistant Corten Body**

MCCHOPPERS

ROTARY SCYTHES

COLE CORN PLANTERS

HAY RAKES

WISCONSIN ENGINES

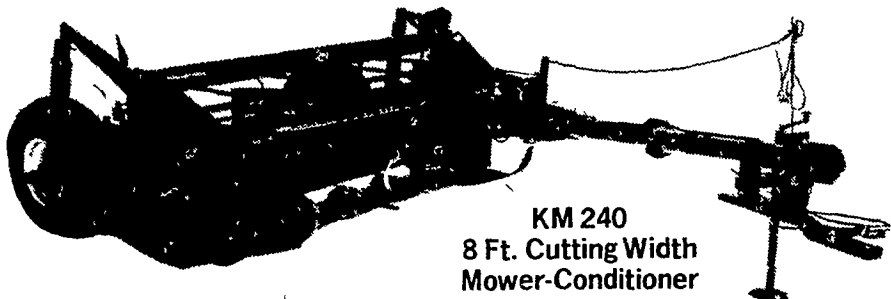
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AIR COMPRESSORS

NEW McCONNEL SPRING TOOTH HARROWS

8 Ft. — \$416⁰⁰
10 Ft. — \$527⁰⁰
12 Ft. — \$569⁰⁰

Replaceable Runners and Points



**KM 240
8 Ft. Cutting Width
Mower-Conditioner**

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TUESDAY APRIL 3**

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KM240 Mower Conditioner
CM240 Mowers
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**Industrial
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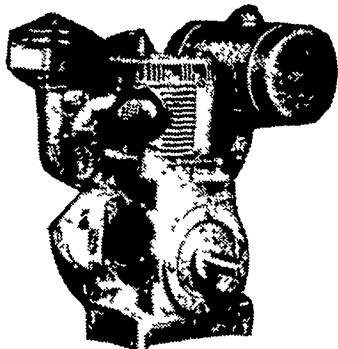


WISCONSIN HEAVY-DUTY ENGINES

AENLD Popular Workhorse

★ 9.2 h.p., 3200 r.p.m.

**SPECIAL PURCHASE OF
BRAND NEW FACTORY SURPLUS**



**Standard Model
List Price \$708**

Special Price \$395

**With PTO Speed
Cl. Reduction
List Price \$1180**

Special Price \$785

**ENGINES IN STOCK
TO FIT
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APPLICATIONS**

Haybines, balers, compressors and skid-steer loaders including Mustang, Case, Bobcat, N.H., IHC, Ford and others.

USED ENGINES

Wisconsin 1, 2 & 4 cylinder
Allis Chalmers B125 & D14
Ford 172 52 hp w/reduction

New - Kirloskar 3 cyl., 43 hp Diesel \$2095
New - Avco 4 cyl., 40 hp Diesel w/clutch \$1695
New - Hatz 8 hp. Diesel w/clutch \$875
New - Hatz 36 hp. Diesel w/cl reduction \$2350

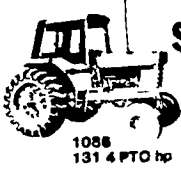
FARM EQUIPMENT

FARM EQUIPMENT

**M & R
EQUIPMENT, INC.**

New Park, PA
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Ph: 717-993-2511

• Red Lion, York, Brogue, Loganville -
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Residence 301-452-8693 after 6 P.M.



**SPRING IS HERE!
AND SO ARE
OUR**

**NEW EQUIPMENT SPECIALS!**

IH 886 w/cab air 18 4x38 rear
tires diff lock PLUS IH 7 trail
ing chisel plow w/h clear
shanks all for \$20 500
IH 1086 w/cab air 20 8x38 radials
call for price
IH 770 offset disc 10 4 1/4 blades
26 dia Hyd Cyl \$4750
IH 315 Packer Mulcher 12 4
w/hyd cyl notched wheels
\$3600
IH 475 Disc 13 10 w/7 Ga discs
20 dia \$3500
IH 475 Disc Wing type 18 7 7 Ga
discs 20 cyl & Hoses new im-
plement tires \$5100

IH 12 6 Vibra Shanks Trailing
type \$1525
IH 350 Disc 11 6 spring cushion
hitch 7 1/2 spacing 8 ga discs
20 dia \$1950
IH 370 discs (2) 11 6 cushion
hitch 7 1/2 spacing 8 ga discs
20 dia \$2200
IH 241 Round Baler Demo
\$4995 w/Rebate
IH 400 cyclo planter no-till insec
ticide monitor 28 40 rows
\$5300

OTHER NEW EQUIPMENT IN STOCK

IH 1460 Combine w/Auto Header
Control shaft monitor
(2) 1086 Tractors cab air
986 cab air
886 cab air
(2) 686 Diesels
784 Row Crop
IH 54C Spreader \$2300
IH 56 Blowers
584 Row crop

84 Hydro
720 Plow 5x18
IH 6-row Cyclo w/Liq Fert no-till
720 Forage Harvester
(2) 990 mower conditioners
510 18x7 combination drill
IH 510 4x16 plow
IH 10 trailing 55 chisel
IH 445 baler w/hyd tension

**NOW ON DISPLAY
SPECIAL**

(1) IH 241 roll baler
Demo - 10 acres
\$4995 with rebate

THE ALL NEW 1190 MOWER CONDITIONER

- Interlocking rubber rolls
- New Flotation header
- Overhead Frame design

**THE NEW 84
HYDROSTATIC
UTILITY TRACTOR!**

246 CI engine
The ideal tractor for
loader & small
PTO work
Come in & test drive it!



**The Time Is Right . . .
The Price Is Right!!**

This Week's New Equipment Special...**MODEL 352-1 FORD 4-ROW
PULL TYPE CORN PLANTER**

New rubber tires, runner openers, corn hoppers,
open center press wheels, markers, hitch jack,
fertilizer attachment with double disk openers

\$2665

• Model 354-24 Ford 4 Row Plateless Air
Planter, Central Monitor with Individual Row
Sensors, Double Disc Openers, And Other
Equip. As Above \$3945.

• Model 354-26 Ford 4 Row Plateless Air
Planter, Central Monitor with Individual Row
Sensors, No Till Type, And Other Equip. As
Above \$4485.

**WHATEVER YOUR EQUIPMENT NEEDS,
STOP IN OR CALL . . .**

Sales & Service On
• Ford • New Idea • New Holland

WALTER G. COALE, INC.

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Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

PLOW SPECIALS OF THE WEEK:

New JD 350, 5 Bot, 16 Hyd Reset \$3,100
New JD 1350-1450, 5 Bot Trip \$2,600
New JD 2500, 5 Bot, Spring Reset \$4,600
New Ford 4 Bot, No 151, 16' Plow, All Extras \$3,995

CORN PLANTERS

Used JD 1280, 8 Row, Plateless, 30", w/Liq Fert \$1,900
New Ford 309, 4 Row, 3 Pt \$2,800
Used JD 494, Wide Row \$900
Used JD 336, 3 Pt, 2 Row \$395

COMBINES

Used NH 1495 S P Haybine, Mower Conditioner \$12,500
Used NH 469 Haybine \$1,700
2 - 1975 JD 6600 D Combines w/443 C Heads
Your Choice \$26,800
Used JD 6600 D Sidehill, Available After July
Used JD 30, Pull Type, Nice \$1,000

DRILLS

McCormick No 10, Plain Grain, 18x7, G S A \$1,000
JD FB 17x7 Drill w/Fert, G S A \$1,100
Oliver No 76, 16x7 w/Fert G S A \$995



**SPERRY
NEW HOLLAND**

**KERMIT K.
KISTLER**

Rt. 143,
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NEW IDEA

MF Case

GEHL

A.L. HERR & BRO.

Quarryville, PA 17566
717-786-3521

—USED EQUIPMENT—**TRACTORS**

Case 970 Cab
Case 1070 cab, air
Case 830
Case 200 loader
IH 504
MF 135 w/mower
MF 20 loader
JD 2010
JD AW/cult.

NEW IDEA EQUIP.

Hay Crimper
Manure Spreaders
mod. 202, 212, 213
325/314 Picker-Shellers
330 3 row Picker

UNI-SYSTEMS

NI 701 Tractor
NI 760 Harvester
NI 2 & 3 Row Head

MISC. EQUIP.

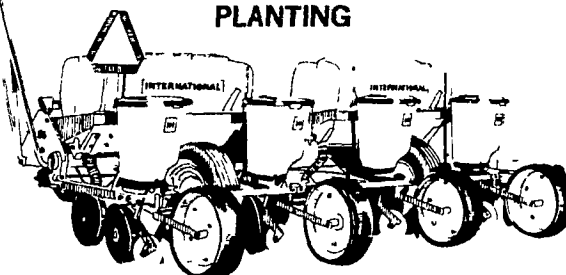
Brillion Cultmulcher
Ford 3 pt. Flail
Gehl 1500 Round Baler
Gdn. Tct. Rotary Broom
Ground Drive Spreaders
JD #18 Corn Picker
JD 34 Manure Spreader
Brady 1440 12' flail
6 Ton trailer
9 Ton trailer
IH 3 bottom plow
Oliver 3 bottom trail

FORAGE EQUIP.

Gehl CB600 Harvester
AC 782 Harvester
Assorted Heads
Fox-Table Blower
NH 26 Blower
JD 216 Forage Box
AC Forage Box, w/roof
Grove Forage Box

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PLANTING



MODELS 400 & 56 PLANTERS IN STOCK
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FULL TWO YEAR WARRANTY

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Used 1 Season

• MF 285 Tractor
with Loader,
100 Hours

• Fox Max #1
Self Propelled
Harvester

• NH Super 717
Harvester

• NH 510 Spreader, Hyd. Gate
• NH 518 Spreader, Hyd. Gate,
new webb
• NH 516 Spreader, 3 beater
• New Idea Single Beater
Spreader
• Hawk Tank Spreader
• NH 475 Spreader, 3 beater

Farmall M Tractor w/loader
Super C Tractor
JD Model A Tractor
IH 3 bottom Plow
AC 10 ft Disc
JD 3 pt Sprayer
Walsh 3 pt Sprayer
NH 259 Rake

NH 258 Rake
NH 479 Haybine
NH 469 Haybine
JD 1209 Haybine
IH 225 Haybine
3 Pt. Box Scraper
Fast hitch Mower
Brillion 10 ft Cultipacker
NH 68 Baler

IH 46 Baler
700 automatic reset 6-bottom
Plow
NH 717 Forage Harvester, excel
condition
John Deere 66 Blower
315 International Packer
Mulcher, 12 ft

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Eastern Pennsylvania's

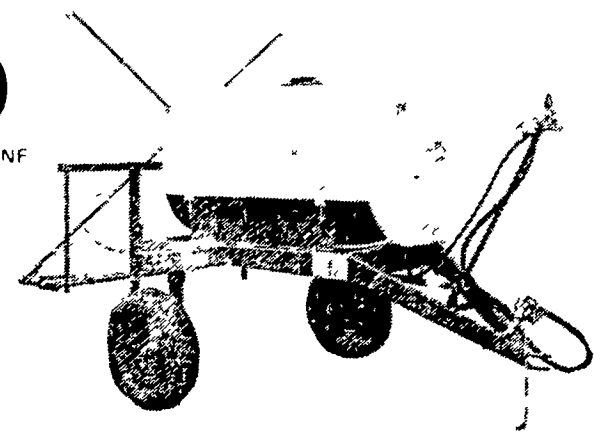
SPRAYER HEADQUARTERS

INTRODUCES THE



FEATURING:

- 1 — Quality Sprayers at Bargain Prices
- 2 — Snyder Polyolefin Tanks
- 3 — Trailing, Side-Mounted, 3 Point Hitch Sprayers
- 4 — Tee-jet, Delavan, Hypro, Ace Components and Pumps



200 Gallon Trailing Sprayer

Hoober Price \$1,125

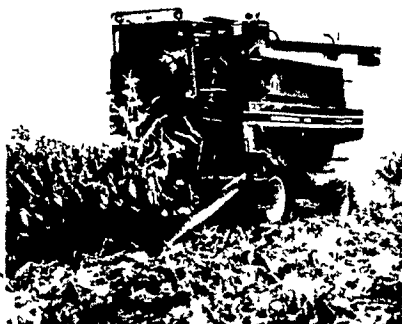
Includes: Sprayer, roller pump, 8-way control valve, 8 row boom w/brass tips.

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SPRAYERS WITH HOOBER'S CUSTOM-
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SYSTEMS AND GET RESULTS!**

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AXIAL-FLOW... SIMPLICITY

SEE
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COMBINE
TODAY



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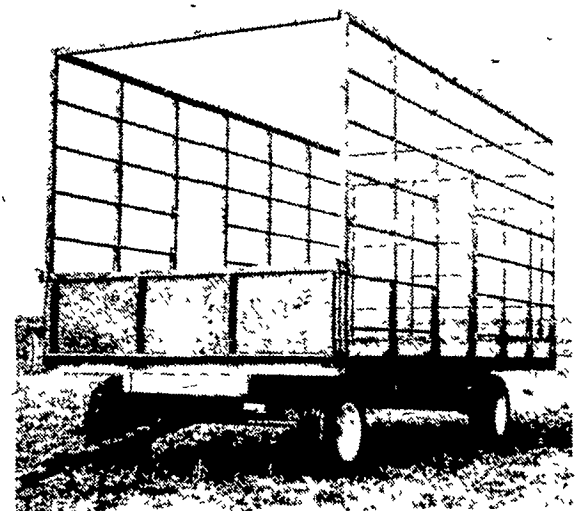
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IH F1066 D
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Deere 4020D 1971
IH F656D
IH 544D
IH 4166 4WD w/28Lx26 Tires
IH F756D
IH Super MTA

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Deere - KBA, 12' w/Cylinder
Bush Hog - 25' Wingfold
IH 370 Disk - 12'

RECONDITIONED EQUIPMENT

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Truck
IH 225 Hayswather
IH #8 Flail Chopper
IH 6 row 400 Cyclo Planter
Deere - 3F Mounted Plow

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IH F-966 D	12,800
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IH Super C w/2 pt.	1,150
IH F-706 Diesel w/3 pt.	7,500
IH F-350 G	2,650
IH F-350 D w/2 pt. overhauled	2,900
IH B 275 diesel	1,650
IH 300 Utility	1,500
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Farmall H	coming in
Farmall 656 gas gear	coming in
IH 574 diesel row crop	coming in

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IH 315 packer mulcher, 15'	3,500
IH 550 spreader	2,950
Hawk Bilt Spreader w/hyd. lid	3,500

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JD 2-row mounted planter	500
IH 10 16 x 7 DD drill	as is 1,100
Ford 4-row w/insecticides	1,150
(2) JD 494 4-row planters	950
IH #10 16 x 7 SD drill	1,950
Oliver 18 x 7 SD drill	1,600
MF 16 x 7 drill, 1975 excellent	Coming in
Ford 311 4 row pltr.	650

DISKS

IH 37 10'	950
MF 3 pt 10'	600
Oliver 10'	800
JD 10'	800
Case 14' transport disc	950
JD 12' Harrow	200
IH 400 Rope trip	225

MISCELLANEOUS EQUIPMENT

Used IH #7 flail chopper	1,250
IH 155 Spreader	900
NH 210 Spreader	300
5' Rotary cutter	350

USED HAY & FORAGE EQUIPMENT

Gehl harvester, 1 row head & pickup head	600
NH 717 harvester w/2-row head	1,150
IH 650 harvester w/2 heads	3,300
IH 650 harvester w/2 heads	2,700
IH No. 7 flail chopper, 5'	1,250
Gehl #48 blower	400
NH #27 blower	775
IH 46 baler w/thrower	1,000
IH 27 baler w/thrower	1,875
IH 990 Mower Conditioner	2,650
IH 201 Windrower	1,500
Gehl CB 600 w/2-row head & pickup head	2,800
IH 110 side mount mower	150

USED PLOWS

IH 311 2 pt, 3 furrow 14"	350
IH 70 trail, 3 furrow 16"	350
JD 145 5 furrow 16"	1,350
JD 145 5 furrow 16"	1,675
IH 440 3 furrow 16", like new	950
IH 209A 2 bot 3 pt	200
IH 450 4 furrow auto reset	1,500
IH 710 4 furrow, auto	2,500

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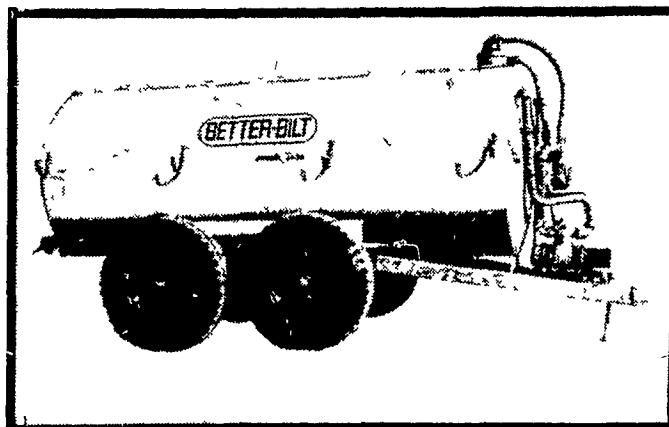
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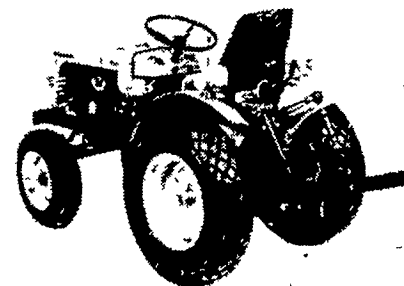
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Harvester w/3 Row Head,
ex. cond.
741 Corn Head
717W Pick Up Head
727 w/Head
MF Harvester w/2 row Head
and Windrow Pickup
AC 480 Blower
NH 26 Forage Blower
AC D-17 Tractor, EX cond
516 NH Spreader
512 NH Spreader
NH 346 Tank Spreader
NI 213 Spreader
NI 214 Spreader with Hyd
Endgate and Top Beater
JD Rotary Mower
AC Disk Harrow

#6 Forage Box
1469 Haybine
(3) NH 479 Haybines
NH 469 Haybine
NH 461 Haybine
NH 1495 S.P. Haybine
John Deere Hay Tedder
37 IH Engine Baler
268 Baler w/53A Thrower
269 Baler w/53 Thrower
JD 14T Baler
Brillion Cultipacker
John Deere Cultipacker
Gleaner F Combine
NH 36 Crop Chopper
AC 4 Bottom Plow
JD 32 Crimper
10 Ft. 2 Bar Chisel Plow
D-17 Tractor w/Snow Plow

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- IH 735 V² WIDTH PLOW, 14 to 22 inch
- IH 145 A² Reset 4 Bottom Plow Over Plow

**FULL LINE OF TILLAGE EQUIPMENT
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USED EQUIPMENT**TRACTORS.**

AC 190 XT
(2) IH Super 'A' with Mower
IH "B" ~~SOLD~~
JD Cyclo A Tractor
IH 230
IH 350 D
IH 350 Gas
IH 450 Gas
IH 504 Gas w/Loader
IH 560 Gas Standard
IH 1066 Diesel with Cab & Air
IH 656 Diesel Hydrostatic, Wide Front End
IH 766 Gas with wide Front End, 3 pt Hitch
IH 400 Diesel
IH 500 C Loader
Oliver 1650 Diesel, engine overhauled
Oliver 66
MF 35 Gas Tractor with Loader
8N Ford
Farmall H
2 Farmall Cubs
(2) Farmall M 1 with Loader
VAC Case w/Blade & Mower \$1,100¹

HAY EQUIPMENT

435 Baler without Thrower, like new
(2) IH 35 Rakes, like new
Case 655 Self Propelled Windrower, 8 ft
Hesston 420 Self Propelled Windrower, 10 ft with cab & air
Hesston 101¹ Hydrowing, 10 ft ~~SOLD~~

Sickle Bar Mower for JD A or B
Vicon 3 pt Hitch Disc Mower
Gehl FH 84 Field Harvester with hay pickup & 1 row corn head
NH 611 Chopper with 1 row head & direct cut
NH 275 w/Thrower
NH 266 Stalk Shredder At tach
(2) IH 550 Chopper w/2 row narrow head & pick up head
NH 1-Row Snapper Head for 770 Harvester
Brady 2 Row Shredder
IH No 50 Shredder 4 Row
JD 15 Flail Chopper

TILLAGE

Ford 3 bot ~~SOLD~~ 3 pt hitch
MF 4 bot 14 3 pt hitch
Oliver 6 Bot Auto, Spring Reset 10
IH 440 4-Bottom
IH 550 5-Bottom
IH 560 6 Bot Plow
IH 710 6 Bottom Auto Reset
IH 401 16 ft Trans Harrow
Oliver 2 ~~SOLD~~ Grailing Plow
IH 12' Pull Type Harrow
IH 401 Pull Type 12' Har row
IH 480 12' Disc Harrow
Bush Hog 18' Wing Disc Harrow
JD 12' AW Disc Harrow
JD 10' Packer Mulcher old style
JD 3 Bot 16' pull type plow
IH 55 13' Pull Type Chisel

IH 463 4 row Cultivator, fast hitch
Pittsburgh 4 row Cultivator, 3 pt hitch
JD 4 row wide cultivator

MISCELLANEOUS

JD 694 6 Row Planter
JD 2 Row 3 pt Hitch Planter
(2) IH 400 Cyclo 4 Row Planters
NH 510 Spreader
NH 512 Spreader
Int 130 Spreader
Int 175 Spreader with up- per beater
Starline 71¹ ~~SOLD~~ k Spreader
Int 51 Forage Wagon
Ontario 14x8 Hoe Drill with grass seed
Ontario ~~SOLD~~ n Drill
AC 13x7 Grain Drill
IH 13 Dis ~~SOLD~~ Grain Drill
JD 15x7 Grain Drill DD, combination
IH 18x7 No 10 Grain Drill, DD, combination
IH 510 21x7 Grain Drill DD, combination
JD C380 Fertilizer Spreader, 3 pt
JD 200 Gal Sprayer
Century 200 Gal Sprayer

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RUNNING GEARS
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IN STOCK!**

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• 4 Ton Spreader
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USED EQUIPMENT
1201 JD Haybine
Hesston PT10 Haybine
USED TRACTORS
JD 2010
AC WD45
Farmall M
AC D15 w/3 pt. hookup
NEW EQUIPMENT

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SPREADERS**

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10 ft. Miller Disk
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AC 5050
AC 7020 - \$23,900.

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Massey Ferguson

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(New) MF 1085 \$13,600

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PHONE: 717-656-2321

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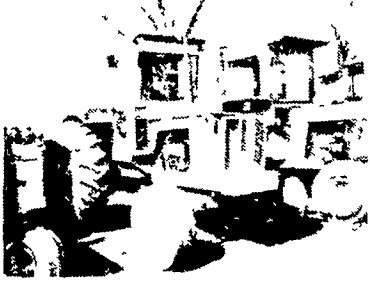
Phone _____



JD 4020 - Side Console -
New Tires - Good Condition
\$9750



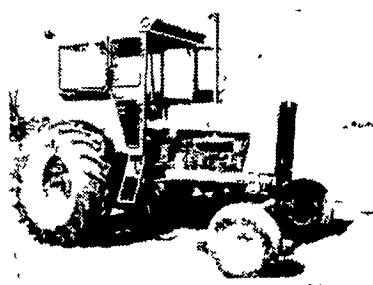
JD 4320 - Cab - New Tires
Good Condition
\$11500



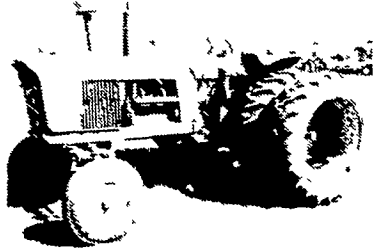
A C D21 Series II - Cab -
90% Tires - Very Clean
\$8500



JD 5010 - w/cab - Good Tires
Good Condition
\$8500



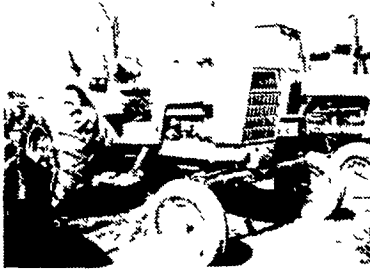
Farmall 806 w/cab - Almost New
Radial Tires - Clean
\$7500



JD 4020 Power Shift w/Duals
\$7950



MF 1085 w/Cab - 1974 -
1100 Hours - Clean
\$9500



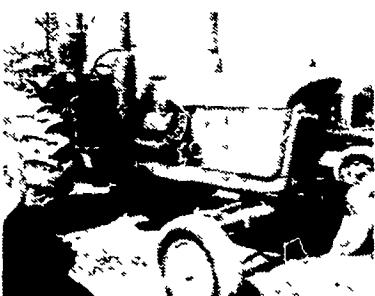
Ford 8000 - New Tires -
Choice of "2"
\$7900



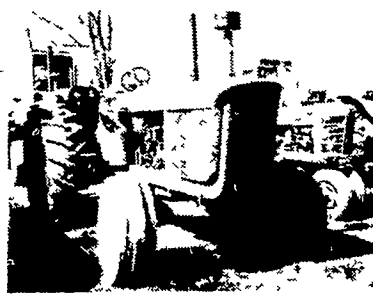
Farmall Cub - Cultivator -
FH - Clean
\$3500



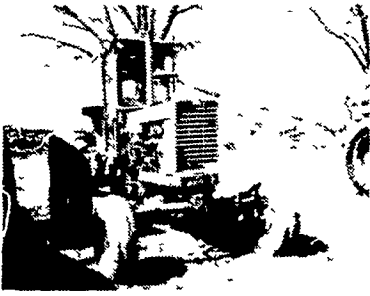
Ford 4000 Diesel
\$4500



JD 4020 - 903 Cummings
V8 Powered
\$7500



JD 5020 - New 20.8x38 Tires
\$9500



Farmall 1206 - Needs Paint
& Tires - Runs Good
\$7500



Farmall 966 - Cab - Air
\$10,750



Case 1470 - Very Clean
\$17,500



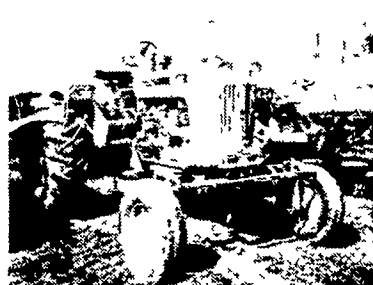
Farmall 1256 w/Cab - Air -
Very Clean
\$11,500



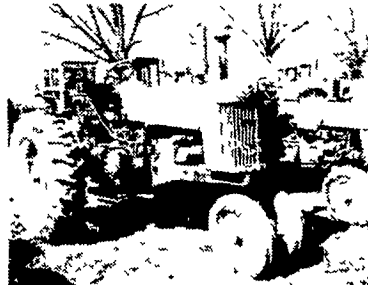
JD 4620 - Cab - Air -
20.8x38 Tires
\$12,750



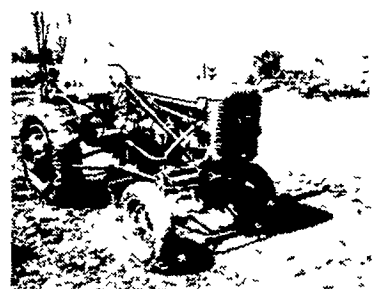
Int 4166 - Cab - Hitch - PTO
\$15,000



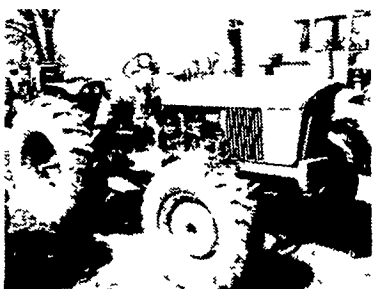
Case 930 - New Tires
New Paint
\$5950



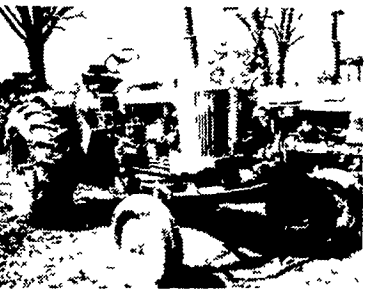
JD 730 - Direct Start Diesel
Clean
\$3500



Farmall Super A
w/cultivator
\$2500



JD 4020 - 4WD
\$7950



Case 1030's
**\$3950 - \$4500
\$5950 - \$6500**



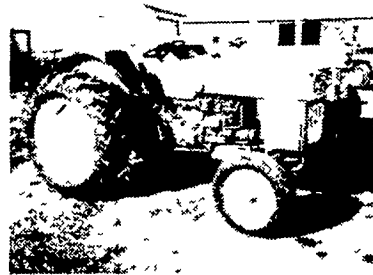
Farmall 656 Diesel - Hydro
\$6500



Ford 9000 - New Tires
\$6500



LONG 560DT - New - 4 WD
\$8,250



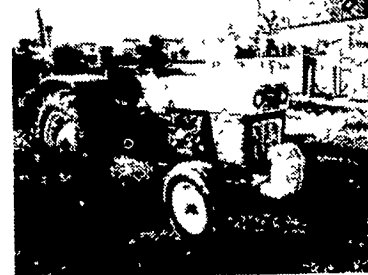
LONG 360 - New
\$5,500



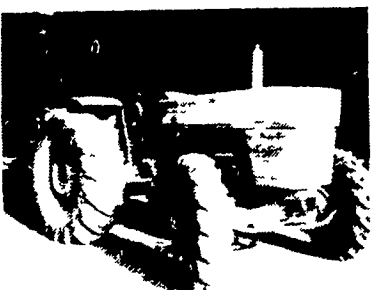
LONG 460DT - "NEW" - 4 WD
\$7,350



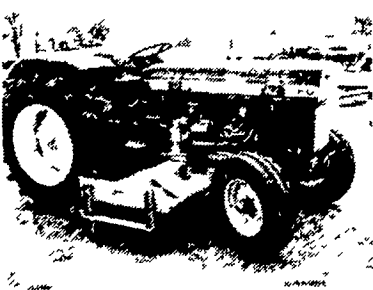
LONG 360 - New
\$5,700



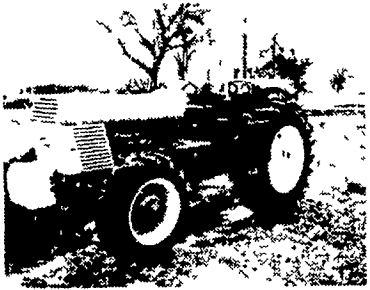
LONG 460 - "NEW"
\$5,650



LONG 560DT - Demo
200 Hours - 4 WD
\$6,500



LONG 560 - 6 Hours - New 84"
Industrial Rotary Mower
\$6,000



LONG 1110DT - "NEW"
3 pt - PTO - 4 WD
\$13,750



LONG 560 - 400 Hours - Demo
New Dunham Loader
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LONG 560 - 10 Hours - Demo
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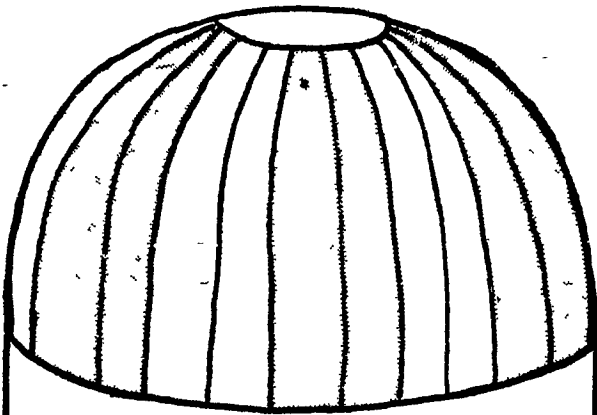
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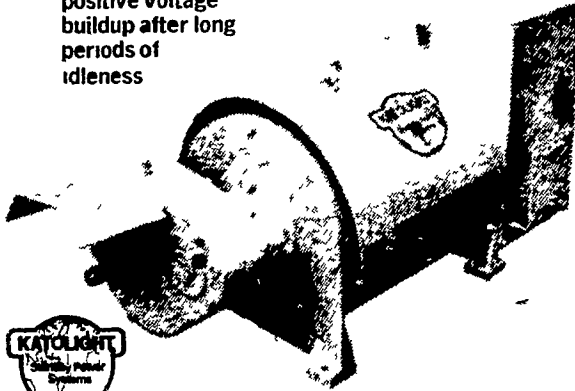
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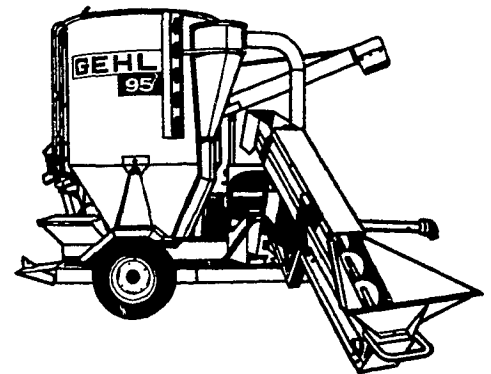
UNIONTOWN FARM EQUIPMENT USED TRACTORS

1-IH 1066
1-IH 706
1-Case 770

2-Case 800's
1-AC 180
1-IH Skid Loader

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\$3,750⁰⁰

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13 USED SPRING AUTOMATIC RESET PLOWS

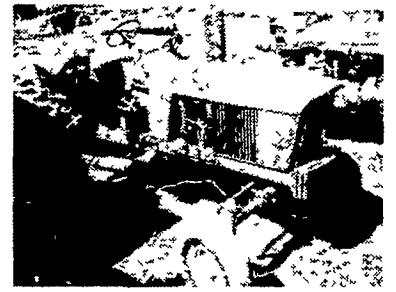
- | | |
|----------------------------|-------------------|
| 1 - WHITE 6x18 semi | 5 - INT 5x16 semi |
| 1 - WHITE 4x16 fully mount | 5 - INT 6x16 semi |
| 1 - INT 4x16 semi | |



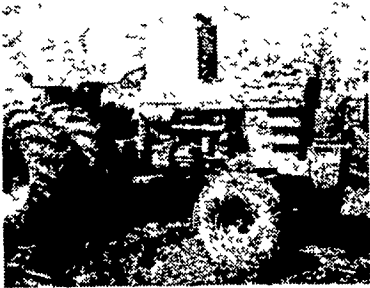
Ford 9600 - 1 New Tire
\$9500



Farmall 706 Diesels
Both Tricycle
\$4500 Choice



JD 3020 Side Console
Like New
\$8900



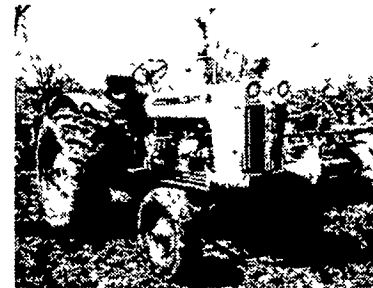
MF 1130 - Duals
Weights - 1970
\$7950



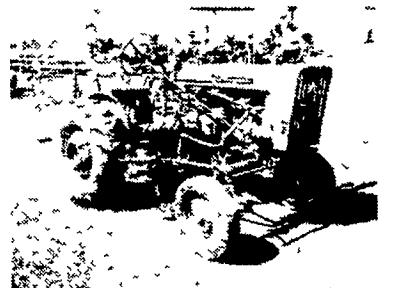
Farmall 1206 - Cab -
Very Clean
\$10,000



MF 1130 Diesel
\$8000



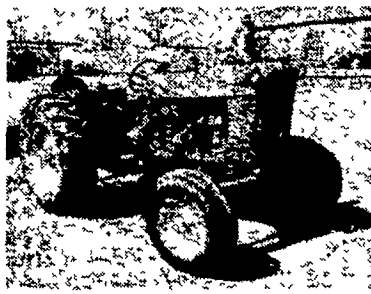
Case 930 Standard - Clean
\$4750



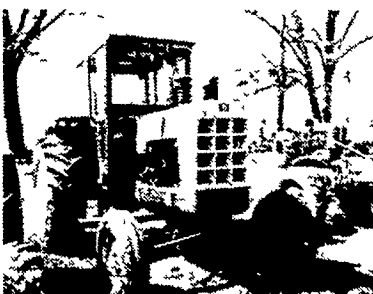
Int 140 w/ Cult - FH
\$3750



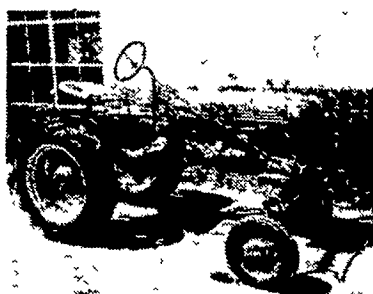
AC 190XT - Very Clean
\$7950



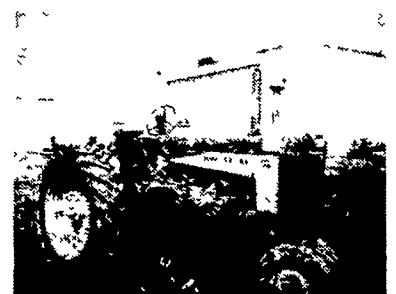
JD 1010 - Low Hours
New Paint & Tires
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Oliver 1900 - Cab - GM Diesel
\$6500



Farmall Cab - Plow - Sickle
Mower - New Paint
\$2450



JD 730 - LP Gas
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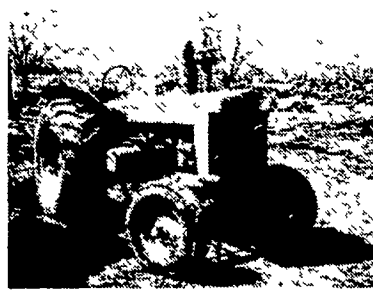
AC 190XT - Diesel - 3 Pt
\$5500



JD 830 - Cab - PTO - Hydraulics
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JD 820 - Cab - PTO - Hydraulics
\$3950



JD 820 - PTO - Hydraulics
Choice of "2"
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MF 1080 - Cab
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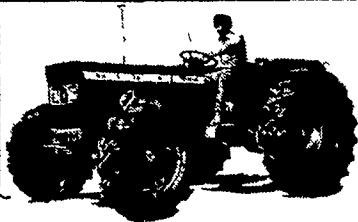
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MF 285 tractor, 8 speed
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MF 39 planters
MF 468 planters
Harrows
Discs

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Ferguson TO 30 tractor
MF super 92 diesel combine
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NH 285 baler \$3200
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NH 7 forage wagon completely rebuilt
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Oliver 12 ft. disc
Case 16 ft. disc w/sprayer

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MF 1155 w/cab, JD 2 cyl. 820D w/new paint, JD 170 skid loader (SOLD), MM G900 diesel, New JD 12 ft. harrows, 3 used JD transport wing harrows. (Coming In) a few weeks. MF 2 yr. old 260 chopper w/2-row corn & pickup head, elect. sharpener & controls (like new.) (Combines) New J.D. 7700 w/213 grain & 444 corn heads, 78 J.D. 6600 D w/444 corn head used 60 hrs. w/full warranty.

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small 1400 w/dual P.T.O. original, nice, Farmall 806D original, Oliver 1800 Model C diesel, r (SOLD) JD 7x plow on-land-hitch, Int. 3 pt Vibra shank field cult., Int. 843 corn head, like new, 1566 cab & duals, (2) Farmall 856, Farmall 826. Int. 5X reset plow (SOLD), New White Transport Wing Harrow. (New) Eq. at Discount Prices. Following are all (new) & reduced to sell: MF 1105 w/cab & multipower list 23,200, my price 18,200 - only 1 left. Int. 445 baler \$3975. Gehl 1090 haybines \$4195. J.D. 244 corn head \$2575. New Hesston 1010 Hydra Swing Haybine \$4850; (New Demo) Gehl 1500 round baler \$4475.00; New M.F. 44 Cornhead \$6400.00; New Int. #710 Six X18 trip-plow \$2850.00; New White 2-105 for \$16,500., Int. 3 pt. 4-row rolling cult. New Holland 256 rake, (All above are new machines). Used N.I. 1 row picker, N.I. 323 for \$1675. N.I. #10 for \$875. N.I. #7 for \$500. Used tractors: Farmall 1086 cab, air, diff. (SOLD) lock, radio 20.8x38 tires used 88 hrs, 656D W.F. nice, 856 w/front wheel drive, 1206 w/front wheel drive, Cub 185 LoBoy w/large tires, Cub 184 Lo Boy used 70 hrs. like new, Farmall 756 gas, (4) 656 hyd. gas. Farmall 756 Hi clear tractor. 300 Hi Clearance tractor. Farmall 1066 w/rollguard. M.F. 175 gas. J.D. 4430 w/rollguard & power shift, J.D. 3020D power shift, J.D. 2010 gas, Used J.D. FBB 17 double disks grain drills (SOLD), 4 Woods rotary cutters. J.D. 7700D w/cab grain & corn head. Gleaner F 2 diesel w/cab & air, grain, & corn head like new. N.I. 2 row 30" picker w/grinder. 1976 Chevy w/3200 miles w/14 ft. flat like new. Grove Forage Wagon real nice.) N.I. 30" 2-row picker real nice. Oliver 1850 D. W.F. 1970 J.D. 4020/diff. lock & dual hyd., J.D. 3010 gas, Farmall 1566 w/roll guard & duals, 656 Hydro. D, Int. 4166 four whl. drive w/cab & 3 point. (New) J.D. 444 corn heads, (New) J.D. 443 corn head, N.I. 279 Conditioner, used 50 acres, (New) 325 N.I. 2 row N. w/super sheller, Case 660 combine w/cab & 10 ft. grain. Farmall (burned) 766. Long 900 diesel like new, David Brown 1200D., Farmall MTA, J.D. 4020D for \$7200. J.D. 14 ft. Plowing Disk. Int. 315-13' roller Harrow.

We Do Have - CORN HEADS - John Deere 443, 643, 444, 244, 435, 434, 335, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner F335, A330, F430, CII 440, CII 430, Int. 763 six row, 227, 3 row J.D. model 313 for 55 combine (like new). Case 402. MF 321, 421. J.D. 335 for 55, 435N for 95. Int. used 863, 844. N.I. 3-row 30", Case 3 row 30". New J.D. 653 Bean head. 40 corn heads to pick from on our lot. Gleaner 438, Int. 844, 744 corn head.

BALERS - (New) New Holland 315 w/thrower, NH 275, New Int. 445 baler, Used Int. 430 w/thrower, New J.D. 336 w/thrower, New J.D. 346 w/thrower, N.H. 273 w/thrower, Case 220 w/thrower, N.H. 1010 bale wagon, New Jerr Dan Forage Wagon. Ind. Equipment - Ford 4500 diesel loader & backhoe, J.D. 440 loader & backhoe, J.D. 440 gas crawler loader, D8 Cat w/blade, Int. TD6 w/blade, AC HD 6G crawler loader.

CORN PICKERS - New Idea 2 row pull picker for \$2700., (2) (Used) narrow row w/12 roll beds, 2 nice (Used) 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers. N.I. 323 one row for \$1975.00.

JOHN DEERE (New) 4440 cab, air, Quad range (New) 4430 cab air. (New) 4640 power shift fully equipped (New) 4230 Quad Range w/rollguard, 730D, 720D, (Used) 4230's, 4620 w/cab, (2) 1967 & 1968

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CORN PLANTERS - New J.D. 4 row conservation planters, new J.D. 4 row 30" 7000 plateless planters w/inst., used JD 7000 four-row Inst. (SOLD), JD 1240 plateless planters, Used White 4-row no till air planter, Used White 6-row 30" no till fully equip. w/liquid, inst. monitor, Int. 56 4 row w/inst. J.D. #1300 - 6 row plateless w/inst. & monitor.

PLOWS - New White 508 - 5-18 automatic reset. J.E. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft. Int. 4x rollover plow good cond., Glencoe SS7. Soil Saver (Demo). JD model 8350 - Four X18 rollover plow like new.

TRACTORS & EQUIPMENT - Farmalls - 1466 cab & air, 2-766's, 706D, 560D, (New) Glencoe SS7-9 ft. Soil Saver \$4150.00, (Used) J.D. 16 ft. plowing disk (SOLD). Oliver 1950T w/over & under shift, MF 300 Combine w/cab, grain & 2 row corn. N.I. 702 Uni w/sheller & 3 row 30" corn head. Brady 9 ft. Pull Chisel Plow (SOLD). Int. 7-8X auto. reset on land hitch, White 18 ft. wing disk, Kawanee 22 ft. wing disk. Planters - (Used) J.D. 1440 4 row no till plateless, 494A. White 6 row no-till, liquid, air, Inst., monitor, fully eq. Loaders - J.D. 158, Int. 2001 loader, NH & JD flail choppers (SOLD). (2) 1972 J.D. 4020, 1970 4020, Farmall M w/power steering (SOLD), Int. 6X auto. reset plows.

Combines - Gleaner F w/2 heads. Cabs for J.D. (Used) J.D. 4430 cab air Quad Range, Trucks - 1974 Ford Pickup real nice, 1971 Int. Roll back, 1967 Int. diesel Roll back \$4,000. 1977 Delta 44 ft. Combine trailer, Blade for Int. TD6 crawler. (New) 10 ft. Hutch Master plowing disks. J.D. 105 diesel combine w/grain & 4 row head \$7,000. J.D. 243 Snapper corn head. 1970 J.D. 4020 w/cab, Int. 234 picker w/bed & sheller attach. Int. 82 pull type, (2) N.I. 3 row pickers w/shellers, Brillion 15 ft. field Cultivator.

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For Sale - Esco 675 gal. milk
tank, 6 unit vacuum pump, 3
unit vacuum pump, 1
Universal dumping station
with 100 ft. hose, 4 Surge
milk machines, 1 Electric
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For Sale - 680 gal. Esco bulk
tank, excellent condition, 3
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500 gal. Esco, Patz barn
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transfer system, 50'1" glass
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215-384-0947.

Wanted-A 500-800 gal. all SS
bulk tank, in which dimen-
sions do not exceed 57" x
107". Call Union Co.
717-523-3671.

For Sale - Surge Alamo 60+
vacuum pump and vacuum
line \$800, (for 24 cows).
Surge pipeline \$3500.
215-759-7807.

For Sale - Surge pipeline
milker, 2 inch glass for 42
cows with auto. washer, 3
mini-cup milker units. Lan-
caster Co., 717-768-3086.

For Sale - Esco bulk milk
tank and compressor, good
working condition \$300 or
best offer, Starline dump
silage scale, like new, White
oak cattle rack for pickup, 8
ft. bed \$100. 717-548-2451.

For Sale - 600 gal. John Wood
vacuum milk tank, \$650, 300
gal. John Wood vacuum milk
tank with 3 horse com-
pressor \$450, Universal
vacuum pump 1 1/2 horse
motor, Universal vacuum
pump, 3 horse motor,
302-653-7232 Clayton, DE.

To be sold in Wilmer Jones
Sale Apr. 4 at Columbus, NJ -
2 Harvestores 20 x 60 & 17 x
50. DeLaval pipeline for 72
cows, (2) 77 pumps for 72
cows, 6 units & Mojonnier 650
gal. vacuum tank w/5 horse
compressor. 609-298-6432
evenings.

3 Surge TX2 door openers, 6
Surge siphoned breaker
cups, 6 Surge electric
pulsators. 215-837-6356.

For Sale - 425 Gal. Esco bulk
milk tank with compressor.
Also Alfalfa hay in good con-
dition. Contact James
O'Neill, R.D. 1, Box 218,
Chestertown, MD 21620. Ph:
301-778-3386.

Wanted - 6, 8, or 10 Can milk
cooler, must be in good
shape, give price & size of
coils, also outside measure-
ment. Roy H. Kinsinger,
R.D. 1, Box 41, Meyersdale,
Pa. 15552.

For Sale - 25 comfort stalls,
DeLaval dumping station.
717-784-6619.

For Sale - 3 Conde milker
units with large claws. Also 2
rotary valves, \$100 ea.
215-942-2090 Chester Co.

MILK TANKS IN EXCELLENT CONDITION

Round Cylinder Type

1000 Girton
1000 Bou-Matic
800 Zero
600 & 500 Mojonnier Vacuum
600, 500 & 400 Zero
600 Surge
600 Mueller "O"

Open Tanks

700 Mueller
1000, 600 & 500 Girton
800 Jamesway
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600 & 500 Milkeeper

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Phone - 717-367-1389, weekdays 'till 4:30

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14 x 50 Marietta Silo w/roof and outside ladder - all in
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2" glass pipeline for 34 stalls - 4 1/2 ft. wide - 1/2 new price
Used Vacuum Pumps:

Delaval #74 - \$250.00

Delaval #75 - \$150.00

Delaval #77 - \$150.00

Boumatic w/distribution tank & motor - \$350.00

Universal - 30 cu. ft. per min. - \$150.00.

1 - Used Kasten Forage Box - real good shape - \$1,000.00
New Gates - Tubular steel 8' thru 20' from \$50.00 to
\$85.00

We have in stock:

Challenge Feeders

#76 & #78 Vacuum Pumps

Badger Forage Wagons - 14' & 16' with 8 or 10 ton gears
1 New Starline Tank Spreader - a real excellent
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Feeder, 50 ft. with
Stands...\$1800*
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\$2575*

*F.O.B., Boyertown, PA.

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- 96" Inlet Glass Pipe 1 1/2" & Coupling For 24 Cows
- Other Assorted Used Glass 1 1/2" - Good Cond
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- 3 - Used 75 Vacuum Pumps
- 1 - Used **SOLD** uum Pump
- 1 Used 3 HP Motor
- 1 5 HP 3 Phase

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New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

For Sale - Surge 6 stall milk-
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For Sale - Dairy store equip-
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P.M.

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For Sale - 75 Dairy Cows;
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Wanted - heifers to board,
summer and winter, 5 mon-
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and hay plus pasture
available. Lancaster Co.
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donville, 717-768-3086.

Stud service - Registered
American saddlebred, ex-
cellent pedigree and disposi-
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mile north of Bird-in-Hand
on Beechdale Rd.

Gentle attractive ponies, 5 2
yrs. old, 3 mares, 3 stallions,
near York, 717-741-2968.

For Sale - Purebred Duroc
boars, 6 months old. \$175 ea.
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Holland, PA 17557. (Beiler's
Fruit Farm).

For Sale - Polled Hereford
bulls from registered stock,
a real opportunity to im-
prove your herd.
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For Sale - 2 yr. old purebred
Simmental herd sire, Signal
x Galant - Parisian dam, ex-
cellent confirmation &
disposition. 1 yearling 3/4
Simmental bull, Bold x Ueli-
Angus Hereford dam. Ed-
ward Pierce, Neshaic Sta-
tion, NJ 201-369-4039 even-
ings.

For Sale - 50-75 open gilts,
clean stock. 717-665-6226.

For Sale - Open gilts,
delivery available. Terry
Bennecoff, 215-285-6582.

For Sale - 2 fresh Holstein
heifers, \$1000 each
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colt, plus boarding for mare.
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Co.

At Stud - Beautiful
Registered Morgan Stallion,
dark bay, 15.2 hands, must
see. Will breed Saddlebreds
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fee. 215-273-3029.

For Sale - Herd of 40 large
young Holstein cows. Also
will rent 160 acre dairy farm
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Complete Holstein herd of 18
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within a month, balance
good milkers and bred back
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For Sale. Wanted - open
heifers, 717-259-9983.

For Sale - 20 large heavy spring-
ing Holstein heifers, 1200
to 1400 lbs., health charts,
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inger, 814-224-2548.

For Sale - RAM - Suffolk,
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For Sale - Farrowing crates,
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Well bred leopard Appaloosa
stallion, 16.1 Hands, stud fee
\$65.00. Cripple Creek Farm,
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Wanted at stud, Angora
Goat. 717-766-9136 (York
Co.).

For Sale - Registered Hols-
tein bull, 10-27-77, Elevation
X Kingpin with 20,565M 4.2%
test, 609-267-0198.

For Sale - Miniature
donkeys, all ages. Black
sheep. 215-777-5564 or
777-1082.

For Sale - Crossbred open
gilts, York, Duroc & Lan-
drace cross. Edwin Ranck,
Rt. 1, Christiana, Pa.
215-593-6488.

For Sale - 11 sows, just had
first litters. 609-692-8960.

For Sale - 3 Registered Hols-
tein Bulls, good type and
size. 1 Dam classified ex-
cellent ready for service.
Merle A. Shank,
Chambersburg R6, Franklin
Co. 717-375-2845.

For Sale - 2 5 yr. old Stan-
dardbred horses, traffic safe
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Stoltzfus, R1 Ronks, PA
Irishtown Rd.

For Sale - 5 yr. old sad-
dlebred driving horse, good
broke. 717-656-6712.

For Sale - 7/8 Simmental
bull, 1 yr. old, approx. 1000
lbs. 301-374-4317 or
301-374-6007.

Wanted - Red & White Hols-
tein bull, service age, Berks
Co. 215-987-6674.

For Sale - Holstein heifer, 1
yr. old, very nice, raised by
daughter for project. Center-
port area. 215-926-4051 after
6.

Tall Morgan stallion
registered stud horse to be
sold at New Holland Sales
Stables on April 9.

For Sale - Registered Hols-
tein bull calves, all out of
popular sires, Rolling herd
average 18,462M 702F.
Donald Bare 717-397-0869.

For Sale - 22 Charolais Beef
cows & heifers with calves or
bred to top quality Charolais
bulls. Also several
registered Charolais bulls.
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For Sale - Registered Hols-
tein herd over 17,000 her
average, you can pick 50
cows out of 83 all papers,
breeding records for DHIA
in order, home raised AI
herd; 2 herds of 18 Holsteins;
home raised herd of 135
cows, your pick of 50 head,
officially calfhood vac-
cinated. S.K. Norman, RD 1,
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For Sale - 45 head of small
Holstein heifers, excep-
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For Sale - 150 bred sows and
gilts. 717-872-5554.

For Sale - 10 calf stalls with
slated floor, \$100. Also mixed
hay, best offer. Lancaster
Co. 717-733-7124.

For Sale - Gang slats for
hogs, 4 ft. x 12 ft. 5 in. round
edged top, 4 in. high. \$90.00.
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For Sale - 8 Better Built gilts
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For Sale - 15 gilts, some
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Hampshire and Yorkshire Service Age Boars and Gilts from certified meat type breeding. Contact John Strawbridge, Stewartstown, Pa. 17363. Phone 301-996-2022.

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Wanted - Dairy cows and heifers. Also, entire herds. 301-358-0412 after 9 p.m.

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DUTCH VALLEY FARM
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For Sale - Aggressive service age duroc boars, excellent bloodlines, heavy boned & sound. Delivery available to most areas. Rick Pfautz, R.D. 1, Stevens, Pa. 215-267-3739.

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For Sale - Reg. Suffolk sheep, Ewes \$150.00. Also lambs "western breeding" near Reading, Pa. Phone 215-856-7645.

For Sale - 15 Large Hampshire & Yorkshire gilts due to farrow soon. Also 15 smaller bred & open gilts. John Strawbridge. Ph: 301-996-2022.

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Bred Holstein Heifers
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due now thru Summer
Top prices paid
Write P O Box 366 R-23
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First class Wisconsin & Canadian Holstein dairy cows Delivered to your farm on order Cash or credit, telephone us now & place your order I. Greenberg & Son, Mt Holly, NJ 609-267-1101

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FOR SALE
Polled & Horned
Simmental Bulls
7/8 & 15/16

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20 YORKSHIRE BOARS
7-8 mos.
Available April 27.
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2 Year Old
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Reliable, gentle, ready for heavy service \$2000 cash SIRE Pawnee Farm Arlinda Chief DAM Spring Belle Sophie, classified Good +84, predicted 24000M 900F in first 305 days
Grand Dam records up to 20 245M 751F
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Shavings in trailer load lots.

\$225 per trailer load.

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Selling - Service age bulls, heifers, bred & open Sale catalogs on request

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3 mile South of Little Britain

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Quality boars & gilt at low prices
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USED RUBBER CONVEYOR BELTING

GOOD FOR:

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In comfort stalls and free stalls
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- **LIVESTOCK TRAILERS, ETC. ETC.**

30", 36", 42", 48" and 54" Wide,
Any Length
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Wood Shavings,
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Don't be caught short this spring! Call now for delivery of bagged & baled wood shavings. Liberal quantity discounts given A quality bedding material at an economical price
Pure cedar wood shavings available for small animal bedding.

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Prompt Removal

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All Animals Killed Under Federal Inspection.

HERD - 60 HOLSTEINS

1978 Herd Avg. 14,780M, 556F on 55.5 Cows

Average Calving 12.05 mo.
with 9% Cow Days in Milk
A Sign of Good Health

30 are first & second calf records
8 due in June, 10 in July, 7 in August,
11 in Sept & Oct.

50 head (P.X.) safe in calf

Some heifers due in fall

+1000 & above AI Sires used for years.
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& bred to same

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\$10 Per Ton

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POULTRY & SUPPLIES

POULTRY & SUPPLIES

Lancaster Farming, Saturday, March 31, 1979-75

POULTRY & SUPPLIES

FEED & SEED

For Sale - Ammonia Sulfate, bulk, \$50 ton cash. Bethlehem, PA. Call for Availability. George V. Seiple & Son, RD 2, Van Buren Rd., Easton, PA 18042 215-258-7146.

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New Hog Slat - 24"x96", 7" top, 24" x 120", 7" top, 717-733-8193.

For Sale - Farrowing crates, custom built, to your specialized need, buy direct from manufacturer. For more information write County Line Welding, R.D. 1, Newburg, Pa. 17240.

For Sale - Cow water bowls, heated waterers, stock tanks, medication fountains and medicators, Trojan hog waterers, AgStar rotary hog feeders; 40-60-80 bu. round feeders; replacement feeder bottoms; steel pipe gates; hog & cattle panels; MagicRay flameless gas pig heaters, button type hog ear tags, discount on hog feed medications; Hot-Shot repair service & parts. Zimmerman Animal Health Supply, 717-733-4466.

For Sale - 2 portable hog shelters 16 x 24 ft. slatted floors (50 hogs) \$1000 ea., good safe. Ph. eve. 814-259-3316.

Notice - 4 farrowing crates will be sold at David Good's Sale on April 4, 1979.

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IT'S SPRING Planting Time! Free copy 48-pg. Planting Guide Catalog in color - offered by Virginia's largest growers of fruit trees, nut trees, berry plants, grape vines, landscape plant material. Waynesboro Nurseries - Waynesboro, Va. 22980.

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For Sale - 10,000 pullets available ready to lay. Call 717-626-8257.

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We Have Openings For More Next Run Eggs.

Should have loading dock
Must have coolers for top quality

We Guarantee To Take All Eggs Produced
We will pick-up and supply materials

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Name _____
Address _____
Directions to farm _____
Phone Number () _____
Total Birds _____

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BAZOOKA GRAIN MOVING SYSTEMS

Bazooka augers and U-trough conveyors keep your systems going longer... smoother... safer.

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Route 30 West at the Centerville Exit

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Heavy hens, turkeys, geese, ducks, guineas, etc. Highest prices paid. Yanks Poultry, Chester, Pa. 215-494-4578 or 215-497-2670.

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For Sale - Straw & soybean stubble in large round bales, \$10 a bale. 301-364-5858.

For Sale - Excellent quality clean homegrown red Clover seed. Purity & germination tested by MD Dept. of Agriculture. 301-275-2055 or 275-2605.

For Sale - Alfalfa hay, \$1 bale, mixed \$75 per bale, straw \$1 per bale. 301-452-5287.

For Sale - High moisture shelled corn, mixed with barley & oats. Also dried shelled corn. Stump Acres. 717-792-3216 York Co.

For Sale - Good corn silage, \$12 per ton. Sold cows must move. Red Lion, 717-244-8295.

For Sale - 150 ton silage, \$18 per ton, 30 ton high moisture corn, best offer. 215-759-7807.

For Sale - White Silver Queen sweet corn seed \$1.25 lb. 717-637-2251, Hanover, PA.

For Sale - Good quality alfalfa hay, no rain, \$50 ton, near I81, Franklin Co. 301-352-2469.

For Sale - Alfalfa hay and 1st & 2nd cutting orchard grass Timothy hay, S. Jersey Area. 609-935-3720.

For Sale - Good quality mixed hay at barn. 717-687-7170.

For Sale - Clover seed, Kennstar certified, 717-786-3435.

Hay and straw by certified weight, no rain, Located in Pittstown, NJ call after 8 p.m. 201-735-4408.

16% PROTEIN HAYLAGE ACTIVATOR Direct from manufacturer. Wholesale, retail, dealer inquiries invited. 301-472-4343.

For Sale - 250 ton good quality corn silage in silo, \$19 per ton. 717-394-8310.

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For Sale - 150 ton of ear corn, \$68 a ton, 2000 bu. of oats, \$1.85 a bu., 1500 bu. of Barley at \$2 a bu. 215-488-1965.

For Sale - Soybeans for seed. Call after 6 P.M. 215-754-7545.

For Sale - Alfalfa seed, Treflon weed control, reduced price. 609-697-1870.

For Sale - Good quality mixed 1st cutting clover & 1st cutting alfalfa. \$50 a ton. Lancaster Co. Ph: 215-593-6235.

For Sale - 11 ton Timothy hay, no rain, \$35 a ton at barn, Juniata Co. 717-872-2048.

Salvage your crop residue, stack it in easy to handle stacks. 717-733-7466.

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For Sale - Oyster shells. Contact Nelson Weaver & Son, Inc., Lititz, Pa. 717-626-8538.

For Sale - High moisture shelled corn, will deliver with trailer truck. Luke H. Kurtz 215-944-0263.

For Sale - Chill-cured shelled corn. Ph. 215-767-3504 after 6 P.M.

32% LIQUID PROTEIN Direct from manufacturer. Wholesale, retail, dealer inquiries invited. 301-472-4343.

For Sale - Good quality 1st & 2nd cutting Alfalfa hay, no rain, \$60 a ton. Can arrange delivery. Franklin County. Pete DeVos 717-264-9388.

For Sale - High moisture corn from Harvestore silo \$80 ton at farm, trucking available. Columbia Co. 717-784-4034 after 5.

Top quality wheat straw, hay, good quality alfalfa and timothy, soybean stems and corn fodder. 215-255-5211.

If in need of anymore seed corn, why not try Doeblers record yielding 70X. Daniel Esh, Strasburg East on #741.

For Sale - Good heavy oats from up north, \$1.65 bu. 550-600 bu. loads delivered. 717-933-4687.

For Sale - Shredded corn fodder, 500 bales, dry, you pick up or will deliver, Lincoln E. Cockerman, Malvern, PA 215-644-2882.

For Sale - 50 tons alfalfa and mixed timothy hay, 5 tons timothy hay, 10 tons oats stubble alfalfa, 5 tons rye straw. Berks Co. 717-933-8359.

ALFALFA

(1st cut)

Col - Tim mixed
Wheat Straw

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After 6

BUYING EAR & SHELLED CORN

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West of Buck, PA

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HAY & STRAW

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Can supply year round.
Delivered anywhere.

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Ducks - Geese - Guineas - Turkeys



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BABCOCK FARMS, INC.

RD 3, Lititz, PA 17543



hisex-news

FINAL REPORT

22nd PENNSYLVANIA RANDOM SAMPLE TEST*

Total Age: 254 days (36 weeks)

HISEX WINS FINAL TEST

CAGE RESULTS

	HISEX	SHAVER 288	DELAB XL	BABCOCK B-300V
Income over feed and chick cost	82.43	77.62	40.41	34.63
% Hen Day Production	82.6	78.5	72.8	71.2
% Hen Day Production from 50%	90.7	88.3	85.9	81.0
Eggs/Hen Housed	83.4	79.3	73.2	71.3
Days to 50%	161	165	171	170
Growing Mortality %	0.8	1.2	2.4	1.2
Laying Mortality %	0.0	0.0	1.0	2.1

* Due to budget cutbacks in the Commonwealth of Pennsylvania Agriculture Department, this will be the last Pennsylvania Random Sample Test. This test was shortened from the normal 500 days of age for the same reason. If questionable, contact PAD.

WHY NOT CHOOSE THE BEST?

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Thanks To All Pa. Poultrymen For Your Past & Continued Support

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Buyer of shelled or ear corn.
John J. Hooper, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

For Sale - Wheat straw, will deliver. Stump Acres, York Co. 717-792-3216.

For Sale - Hay, alfalfa & alfalfa orchard grass mixed, 1st & 2nd cutting, any amount. Bernville 215-488-1965.

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Dairymen &
Horsemen in
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FULL LINE OF TOBACCO SEED BED SUPPLIES

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- Tobacco Seed
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Purebred bulls (some
polled) for sale that will
produce from your cows
the modern, fast
gaining, non-wasty
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feeders and packers
today. Bred for fertility,
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gainability.

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FARMS**
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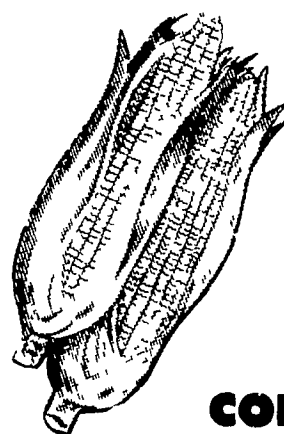
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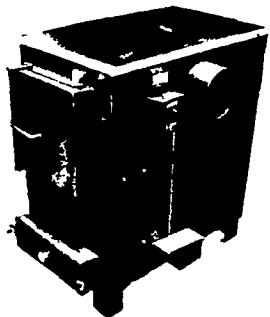
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For Sale - Right hand refrigerator. Norge. Good condition \$750. David H. Fisher, RD 1 Bachmantown Rd., Ronks, PA 17572.



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Model 37 Coal & Wood Combination
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Both heaters are thermostatic controlled.

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For Sale - 1970 Ford W1000 tractor, 250 Cummings, 10 speed, twin screw, sleeper \$6000. 1969 Ford F1000 single axle trailer w/gas rebuilt engine \$2500. Ph: 717-866-4906.

For Sale - 1969 trailmobile 40 ft. van tandem axle excellent condition \$2900. 609-298-5056.

Dump truck available for hauling 50' per 100 lbs. or 50' per mile. Call 717-872-5016.

For Sale - Ford 700 truck with new 15' hoist and 15 ft. knape h. de grain body. Perry Co 717-444-3447.

1973 Honda XL175 trail bike, 1200 original miles, \$400, like new. 1952 GMC dump truck, 17,000 GVW, good running order, inspected, \$700. Ph. 215-327-0417 after 5 P.M.

Wanted - Gooseneck stock trailer in good condition. Seven ft. or wider and approximately 20 ft. long. Ph: 814-371-6929.

For Sale - 74 GMC 6500 427, PS, single axle, 87" cab axle, 9000 FA, 18500 RA, clean 215-593-2495.

1974 LN700 FORD



Grove 24 Ft. roll back, custom cab, 361 engine, 5 sp., 2 sp rear, power steering, air brakes 900x20 tires, like new condition Susquehanna Co

JOE CONATY
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TRUCKS

For Sale - 10 cubic yard dump body with telescope hoist. Asking price \$1500. 717-367-1256.

For Sale - 1971 427 Chevy lime spreader truck and trailer, work available immediately. 717-768-3849.

For Sale - 1968 Ford F-1000 super duty tractor truck with wet line and dual tandem 15" drop deck trailer with beaver tail \$5500. Fresh over haul, Dauphin Co. 717-566-8689.

For Sale - Gooseneck flat bed hay trailer, 26', dual axle, electric brakes, capacity 7-9 tons. Gooseneck stock trailer, 24', dual axle, electric brakes. 717-532-8305.

For Sale - 1966 IH CO-4000, 238 Detroit, twin screw, one owner, \$4800. 1969 White 9000, 250 Cummings, twin screw w/wetline & new paint, \$6800. H. D. Farms 201-859-2616.

For Sale - 1968 Ford sleeper, w/10 sp. road ranger, 240 Cat diesel & wet line. Asking \$4900. 717-859-2324.

For Sale - 1963 F-500 Ford, 12 ft. stake body, good condition, \$1000 or reasonable offer, 717-284-2893 after 6 p.m.

For Sale - 1978 International 1700 Series 18' metal flat bed, V8, 5-2 spd., radio, PS, PB, 10,000 miles. 717-762-9394.

For Sale - 1958 C-750 Ford tractor, good cond. w/25' trailer, all new tires, \$1000. Franklin Co. 717-597-2776.

For Sale - 1972 Ford Courier pickup with cab \$1850, 69 Dodge Polara \$550, Dauphin Co., 717-566-8689.

24' aluminum Morgan truck Van, swing side & roll up back door, excellent condition, \$2000. 1800 cab over IH truck, 14' grain body with 15 ton hoist & 10:00 x 20 tires, air brakes, PS, \$5000. 717-532-6880.

For Sale - B42 Mack 10 wheeler, good condition, 717-898-7797.

62 Ford 20' ref. van, 1973 engine, 470 cu. in., 65,000 miles, air brakes, \$2800. 609-692-8960.

Like new 1974 1600 Int. less than 4500 mi., 14 ft. body with dump, 301-836-1722.

Energy Hydraulic Truck Hoist Sales and Service. Anderson's Repair Shop, Felton RD#1, Pa. York County, 717-244-2039.

For Sale - 1978 Ford LN800 w/20' body & Thermo-King unit, excellent condition. Ph: 215-367-8931.

For Sale - 67 Diamond T, 3800 lb. rears, 238 Detroit 10 speed. 35' aluminum grain trailer. 32' flat trailer with grain sides. Lebanon Co. 717-865-6710.

1971 Ford F750, new 16' grain body \$3500. 301-829-0271.

TRUCKS

Trucks For Sale - 76 Kenworth 350, \$28,500, 72 Mack Tri axle \$18,500, 71 Kenworth conv. slp. \$15,500, 6 tandem dump trucks, Fords & IHC's from \$11 to \$18,000, 28 ft. & 30 ft. dump trailers, 45 ton Lowboy tri axle \$8000, 74 LN750 L wheelbase \$6500, many trucks and Lowboys in stock, CURRY SUPPLY, Curryville, PA 814-793-2829.

TRUCKS

1970 White Diesel, new engine, new 18' body and hoist, 52" grain sides \$7200. best offer or trade. 301-829-0271.

For Sale - 1954 Ford dump truck with 14' body, GVW 26,000, very good condition. 215-562-7298.

For Sale - C65 Chevy Scottsdale cattle truck with 20' aluminum bed. 717-789-3433 after 6 P.M.

SEE THE NEWEST FROM DODGE TRUCKS IN STOCK:

Little Red Express - Roaring to go
Palamino, beauty & class "Of The West"
D-50 Regular pickup, greatest economy of all
1975 B-200 Sportsman Royal, 30,000 actual miles
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Special, 10 New 4x4's to choose from.
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★ OUR COST IS YOUR PRICE ★
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4 WHEEL DRIVES

'78 Chevy ¾ Ton Pickup, V8, 4 Speed, PS, PB, Radio. \$5800

'78 Dodge Ram Charger, V8, Auto., PS, PB \$6300

'78 Cheyenne Blazer, V8, Auto., PS, PB, AM-FM \$7850

'78 Bronco, V8, 4 Speed, PS, PB, AM-FM \$7800

'78 Jeep CJ5 Renegade, 6 Cyl., 3 Speed, PS, Radio \$5950

'78 Chevy ¾ Ton Pickup, V8, 4 Speed, PS, PB, Radio \$5800

'77 Ford Step Side Shortbed, V8, Auto., PS, PB, AM-FM, Air Cond \$6400

'77 Chevy Scottsdale Pickup, V8, Auto., PS, PB, Air Cond., AM-FM \$6150

'77 Blazer Cheyenne, V8, Auto., PS, PB, Air AM-FM, Tilt Wheel \$7400

'77 GMC Jimmy, V8, Auto., PS, PB, Radio \$5900

'76 Chevy Pickup, V8, Auto., PS, PB, Power Angle Snow Plow \$6150

'76 Dodge ½ Ton Shortbed, V8, Auto., PS, PB, AM Radio \$4950

'76 Ford 150 Pickup, V8, Auto., PS, PB, Air Cond., AM-FM Ranger Model \$4950

'76 Chevy ½ Ton Pickup, Scottsdale, V8, Auto., PS, PB, Air Cond., Radio \$6150

'76 Scout Traveller, V8, 4 Speed, PS, PB, Air Cond., Tilt Wheel, AM FM \$3650

'75 Jeep Wagoneer, V8, Auto., PS, PB, Air Cond., Radio \$5150

'74 GMC 9 Pass. Suburban, V8, Auto., PS, PB, Air Cond., AM-FM \$4950

TRUCKS

'78 El Camino, V8, Auto., PS, PB, Air Cond., Radio, Elec Windows.

'78 Chevy Scottsdale Pickup, V8, Auto., PS, Radio

'78 Ford F-150 Ranger, V8, Auto., PS, PB, Air Cond., Tilt Wheel, AM-FM

'78 Ford F-150 Pickup, 6 Cyl., Auto., PS, PB, AM-FM, 1,100 Miles

'77 Ford Super Cab, V8, Stick Shift, PS, PB, Air Cond

'77 Toyota Long Bed Pickup, 4 Cyl., Auto., Radio.

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'75 GMC Crew Cab, With Utility Body, V8, 4 Speed, PS, PB

'75 Chevy Luv Pickup, 4 Cyl., 4 Speed; Radio.

'74 Ford ¾ Ton Pickup, V8, 3 Speed, PS, PB

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'72 Chevy Suburban, V8, Auto., PS, PB, Radio

'71 Ford Pickup, V8, Auto., PS, Radio

'70 Dodge ¾ Ton Pickup, 4 Speed

STAKE BODY - GOOD COND.

• 9 ft. Long, 30" High Stakes,
Was on 1975 Ford F-350

• \$450.00

★ Many More 4x4's and
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MIKE RHODES & CO.

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MISCELLANEOUS

For Sale - Large barn on Carlisle Pike near Rt. 81, \$4000. Must be dismantled. PH: 717-564-6792.

For Sale - 1500 gal. milk tank, damaged. 1 bale thrower wagon. Cement block lintels. Steel concrete forms. 1 silo wagon, JD 115. PH: 717-898-7689 Lancaster Co.

Wanted - Buildings, barns, silos, etc. Will renovate. Write specifying condition, size, and kind of lumber. Write Box 283, Quarryville, 17566.

For Sale - Grafted black and Persian walnut trees. Chinese chestnuts, American and Oriental persimons. Charles A. Richcrick, RD#10, Box 155, York, Pa. 17404.

Approx. 4000 board ft. 4/4 & 3/4 walnut lumber, air dried, 1 yr., approx. 5000 board ft. 4/4 green walnut free form table tops. Moses B. Glick, RD1, Willow Street, PA 17584, Lancaster Co.

For Sale - Spoke cutter blades. Leola Coach Shop, 2705 Creek Hill Rd., Leola, Pa. 17540, Lancaster Co.

For Sale - Landis #1 harness stitcher (pedal power) \$1200, Pilgrim (Huffy) 200 electric, up to ½" leather, \$1200. 315-695-5736.

For Sale - Old wagon shed, hewn beams and old weather board siding. 717-442-8340 after 7.

For Sale - 6 Colonies Bees and Extra equipment, 150 gal. fuel tank and pump, NH 66 baler with engine, New 26" log splitter with motor \$400, weathered barn boards, mixed hay 717-324-5925.

Wanted - Used 9:00 x 40 tires, 215-488-6532 Berks Co.

For Sale - 10 x 55 mobile home, 2 bedroom, good condition, unfurnished, \$2500. 215-593-5328.

For Sale - Complete furniture making shop, tools & business. Lancaster Co. 215-445-4280.

For Sale - Sears radial saw, new barb wire, new 48" woven wire, fence posts, telephone poles, drain tile. 717-789-3192.

Wanted - Old steam engine or steam powered locomotive, Write Box 366 R-25, Lancaster Farming, Lititz, PA 17543.

For Sale - 1973 Baja 16 ft. boat, 4 passenger deep-vee hull with 1975 Mercury 150 hp. power trim, gauges, back to back seats, excellent condition, gator trailer. Northampton Co. 215-863-6531.

Motor Home For Sale - 73 FMC motor home, 29 ft. engine in rear, replacement cost \$65,000, asking \$25,000. CURRY SUPPLY, Curryville, PA 814-793-2829.

For Sale - '63 Detroit Mobile Home, 10x60, very clean, air conditioned, \$1500. Chester Co. 215-932-9727 evenings.

For Sale - Marysville Stave Cement Block Silo, 12'x45' \$350.00, 717-632-4615, RD 6 Hanover, Pa. Box 164.

MISCELLANEOUS

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators. Also reconditioned Maytag engine washers.

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REFRIGERATION
RD 1, Leola, Pa.
Ph: 717-656-7169

Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs.

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¼ mile N. of Bird-in-Hand
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For Sale - Cypress boards, all sizes & lengths. Good for paneling, fencing & siding. Ph: 215-268-3263.

Pheasant Hunting, Sept. 1. to April 30. Pheasants for stocking. Oven ready pheasants. Phone 215-856-7670.

For Sale - Firewood, seasoned oak and other hardwood. \$65 cord. 717-569-7565 or 717-653-8243.

Sale: Meat band saws, grinders, scales, tenderizers, splitting saws, slicers and walk-in coolers. Gerry Grundy, Doylestown, Pa. on Rt. 75 200 Yds N. of 274 - open Sat. & Sun. 10 A.M. - 4 P.M. 717-349-7654, 215-549-7584.

Sawdust Shavings, bag or bulk. Will deliver 717-529-2855.

For Sale - plow shares and parts, steel horse trees, grass mower parts, wagon tongues, welding done, hydraulic units, hoses, etc. Daniel S. Glick, Box 297, RD 1, Bird-in-Hand, PA ¼ mile Northeast of Bards Crossing along Windy Tor Rd.

For Sale - Barn to be torn down. 717-362-9245.

For Sale - Ben Franklin Fireplace, 4 yrs. old. In good condition. Call 717-656-8556.

For Sale - Stainless Steel hanging scales for market, weighs up to 10 lbs. 18' Metallic Green boat with 115 H.P. Mercury. Electric gas pump. Call 717-656-8556 or 717-392-3826 after 5 p.m.

1973 11' Deluxe Tour-a-Home - sleeps 4, fits 8' bed. Completely self-contained with both electric and gas. Toilet, shower, hot water, plus many extras, A-1 condition. \$1595. 717-548-3532.

For Sale - Fiber drum with snap rings and lids, used pallets. 215-298-3457.

Locust fence posts for sale. Howard County, MD. 301-461-1620.

Skyworker bucket truck 40 ft. reach, mounted on 1957 Ford, formerly barn spray painting unit in OK operating condition. Asking \$5000. Interested parties only. Lancaster Co. 717-786-2061.

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Ink Pads Available
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MISCELLANEOUS



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\$4444 (OR LESS)

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BRAND NEW 1979 DODGE CARS & TRUCKS
BUY NOW !!!**

Stock No 1061
BRAND NEW 1979 DODGE \$4744

We know you'll enjoy driving our ASPEN 4 DOOR SEDAN. Light cashmere with cloth & vinyl bench seat, torqueflite transmission, 225 cubic inch 6 cylinder engine, AM radio, power steering, conventional spare tire, D78x14 tires.

Stock No 6007
BRAND NEW 1979 DODGE \$5843

MAGNUM Teal Green Sunfire Metallic vinyl bucket seats, 8 cyl automatic, AM radio, green Landau vinyl roof, GR78x15 white sidewall glass belted radials.

Stock No 1006
BRAND NEW 1979 DODGE \$4444

ASPEN 4 DOOR SEDAN. Pewter gray metallic cloth & vinyl bench seat, 6 cylinder automatic, AM radio, power steering, D78x14 tires.

Stock No 7009
BRAND NEW 1979 DODGE \$4444

COLT 2 DOOR HATCHBACK. Light tan, 4 speed transmission with 1400cc engine, electric rear window defroster, Cashmere vinyl bucket seats, side molding, AM FM, rear wiper and washer, white sidewall radial tires.

Stock No 0442
BRAND NEW 1979 DODGE \$4444

D 100 PICKUP with 6 box, 3.55 rear axle ratio, 3500 lb front axle, 224 six cylinder engine, glass belted radial tires, Light yellow with saddle interior.

Stock No 0180
BRAND NEW 1979 DODGE \$5129

Show your ingenuity, dress up your own TRADESMAN VAN. This B 100 model with 109 wheelbase has driver's & passenger's bucket seats, saddle trim interior, power steering, glass belted radial tires, Sharp light yellow paint job.

Stock No 0035
BRAND NEW 1979 DODGE \$6933

Just the thing for your spring chores and then a great way to get back in to that favorite trout stream. A W 200 8 BOX PICKUP, 318 V-8 engine, automatic transmission, 18 gallon fuel tank, good headlamps, power steering, mud & snow tires, FOUR WHEEL DRIVE. Bright yellow orange with saddle interior.

Stock No 7031
BRAND NEW 1978 DODGE \$4967

D50 Pickup truck, light tan, vinyl bench seat, automatic, 2000 cc engine, right side black racing type mirror, 600x14 white sidewall tires.

Stock No 0184
BRAND NEW 1976 DODGE \$6895

You'll go everywhere you want to go and have plenty of room for gear. W 150 CLUB CAB FOUR WHEEL DRIVE PICKUP with 149 wheelbase, 3.21 rear axle ratio, 3500 lb front axle, 360 cubic inch V-8 engine, automatic quadric angular headlights, power steering, 700x15 eight ply mud & snow tires, Medium canyon red sunfire metallic with red interior.

Stock No 7007
BRAND NEW 1979 DODGE \$4444

You can ignore the gas price increase when you drive this COLT 2 DOOR COUPE. It's warm white with vinyl bucket seats, 4 speed manual transmission, 4 cylinder 1600cc engine, AM FM radio, white sidewall tires and sunroof.

Stock No 7053
BRAND NEW 1979 DODGE \$4706

The front wheel drive on this COLT 2 DOOR HATCHBACK is thrilling to drive. Green with cashmere vinyl bucket seats, twin stock transmission, 1400cc engine, AM radio, 155SR x 13 white sidewall radial tires.

Stock No 7048
BRAND NEW 1979 DODGE \$4255

This light tan COLT 2 DOOR COUPE is equipped with 1600 cc engine, 4 speed transmission, vinyl side moldings, AM radio, wheel trim rings and 600 x 13 white sidewall tires.

Stock No 7010
BRAND NEW 1979 DODGE \$4384

COLT 4 DOOR SEDAN. Warm white with blue vinyl bucket seats, 1600cc engine, 4 speed manual transmission, AM radio, electric rear window defroster, white sidewall radial tires.

Stock No 5060
BRAND NEW 1978 DODGE \$5069

Monaco 4 door sedan, Eggshell white with split back bench seat with center arm rest (vinyl) basic group including air conditioning, torqueflite transmission, 318 engine, tinted glass, inside hood release, F78 15 white sidewall tires.

Stock No 1015
BRAND NEW 1979 DODGE \$4288

One of America's favorite cars is this ASPEN 2 DOOR COUPE. Sable tan metallic with cloth & vinyl bench seat, torqueflite transmission, 225 six cylinder engine, AM radio, power steering, conventional spare tire, D78x14 white sidewall tires.

Stock No 1207
BRAND NEW 1978 DODGE \$4444

You'll save on the purchase price and get great gas mileage too on one of our last 1978 ASPEN 4 DOOR SEDAN. Egg shell white cloth & vinyl bench seat, custom interior package, torqueflite transmission, 225 cu in 6 cylinder engine, undercoating vinyl body side molding, front & rear bumper guard, AM radio, power steering, E78x14 white sidewall tires.

Stock No 7093
BRAND NEW 1978 DODGE \$4840

Get great mileage while driving this COLT 2 SEAT WAGON. Caramel tan metallic with cashmere cloth bucket seats, automatic transmission, 1600cc 4 cylinder engine, vinyl side moldings, luggage rack, AM radio, wheel trim rings, 165SRx14 white sidewall radial tires.

Stock No 0324
BRAND NEW 1979 DODGE \$8195

W 150 SNOW FITER, 360 V-8 4 speed FOUR WHEEL DRIVE, anti spin rear end increased cooling capacity, heavy duty electrical system, Plow package including power angling blade, power steering & brakes, Adventure package, mud & snow tires, Cadet blue metallic.

Stock No 0447
BRAND NEW 1979 DODGE \$4444

Enjoy the quiet ride of this D 100 PICKUP with 115 wheelbase, 6 box, 3.55 rear axle ratio, 3300 lb front axle, 225 cubic inch 6 cylinder engine, 80 decibel sound control, glass belted radial tires, Medium canyon red sunfire metallic with red interior.

Stock No 0063
BRAND NEW 1979 DODGE \$6884

Picture yourself in this black W 150 FOUR WHEEL DRIVE CLUB CAB PICKUP, 360 V-8 automatic, power steering, power brakes, 700 x 15 eight ply mud & snow tires. What other color inside but red?

Stock No 0094
BRAND NEW 1979 DODGE \$6406

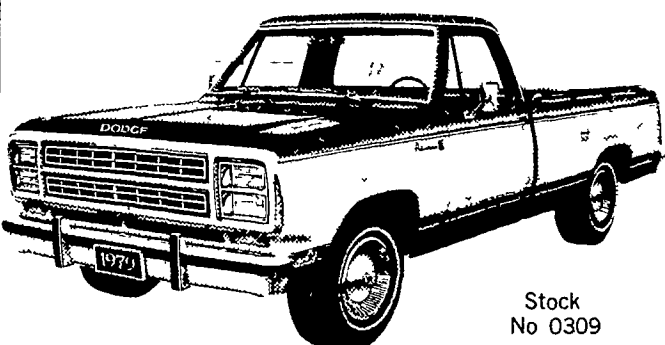
Any time of the year is right for a FOUR WHEEL DRIVE W 150 CLUB CAB PICKUP. It's a 133 wheelbase model with 318 cubic inch V-8 2 barrel engine, 18 gallon fuel tank, quad headlamps, power steering and mud & snow tires. Dark teal sunfire metallic with green interior.

Stock No 0120
BRAND NEW 1979 DODGE \$5743

4 speed overdrive in this B 200 127 wheelbase Tradesman van. Power steering, 318 V-8. Ready for any use you want to put it to.



is all the money you need to buy a brand new 1979 DODGE ST REGIS 4 DOOR SEDAN. 60-40 split bench seats with recliner, \$318 V-8 engine, power steering, power brakes, radio, vinyl roof, conventional spare tires and radial tires are all standard equipment. Stop in and buy this car today.



Picture yourself in this brand new two tone green metallic **1979 DODGE 5.2 LITRE D-100 PICKUP**. This vehicle has been specially built and specially priced to be sold in the Philadelphia Zone only. It is equipped with 318 V-8, automatic, tinted glass, tilt steering wheel, bright rear bumper, quad headlamps, bright wheel covers, heavy duty rear springs, power steering, Adventurer package, HR78x15 white sidewall radial tires. Due to price increased on units you may order, and special allowances on this vehicle - you can save \$400 right now. **28 IN STOCK, VARIETY OF COLORS, YOUR CHOICE AT \$5797**

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NEW DODGE VEHICLES. BUY
NOW AND SAVE.**

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COLT — \$113 mo. DIPLOMAT — \$138 mo.
OMNI — \$120 mo. MAGNUM — \$153 mo.
ASPEN — \$122 mo. ST. REGIS — \$160 mo.

Security Deposit
and Credit
Approval Required



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JERSEY SHORE, PA.
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1971 Buick Skylark, radio, heater, Air, Power steering & Brakes, one owner, New Inspection. Mint condition. Evening Manheim 665-3194.

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For Sale - 1931 model A Ford, rumble seat, fully restored & in good condition. 717-456-5292.

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For Sale - '79 AMC Jeep Cherokee, bronze with saddle interior, auto, air, 4 wheel drive. Call Tim, Twin Pine, Ephrata, 717-733-6548.

For Sale - 1961 Harley Davidson model 74 motorcycle, 12,000 miles, original condition, fully dressed, \$3500 or make offer. 215-536-8624 or 3456.

Cars for Sale - 77 Mercedes 100D diesel, sun roof, etc. \$13,800, 69 Mercedes 220 diesel \$3950, CURRY SUPPLY, Curryville, PA 814-793-2829.

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FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF-4, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave., Pittsburgh, Pa. 15217.

250-ACRE FARM

1/2 mile highway frontage near Troy, Pa.; for dairy or beef cattle; 100-acres tillable; 100 wooded; 50-A fenced pasture; 9-room 1 1/2 bath home; 50x70 up-to-date barn; 2 silos; 2-story chicken house; machine & shop shed; milk house; storage shed; corn cribs; almost new drive-thru metal bldg. 40x96 with insulated shop; private stream; maple trees; evaporator house. No. 7855, WEST REAL ESTATE AGENCY, INC., Office: 111 Main St., Troy, Pa. 16947, Phone: (717) 297-4046; or 297-2777.

SOMETHING SPECIAL

100-acre farm with city water service by Shipensburg, Pa. college town; 1 mile to 1-81; elegant 19th century Colonial style home; beautifully modernized; 9-rooms & 3-baths with rental apt.; private in-ground pool 16x36; barn 55x70 for cattle or horses; corn crib; 6-room & bath tenant house; mobile home rental; adjoining industrial development land; last year's income from rentals was \$8000. No. 5803, WEST REAL ESTATE AGENCY, INC., Office: R.D. #1, Newburg, Pa. 17240, Phone: (717) 423-5508.

WHITE PICKET FENCE

Neat & clean miniature-farm near Mifflintown, Pa.; attractive 3-bedroom & bath home with storm windows; new barn 20x30 with horse stable and 2nd floor insulated workshop 20x30; attached wagon shed; corn crib; tool shed; woodshed; 9x10 chicken house; good garden; mixed fruit trees; berry plants; picket-fenced grounds; local hunting & fishing; paved road; price \$31,800. No. 7612, WEST REAL ESTATE AGENCY, INC., Office: R.D. #1, Honey Grove, Pa. 17035, Phone: 717-734-3476.

THE FARM FOR YOU

One of Tioga County's nicest farm buys; 104 acres with 60 tillable; springs & stream; fenced pasture; 11-room & bath home; hot water baseboard heat; 2 nice barns; garage; silo; milk house; ice house; poultry house; a charming log cabin; plus an extra septic system and hook-up for a mobile home; very reasonably sale priced at \$77,000. No. A-7737, WEST REAL ESTATE AGENCY, INC., Office: R.D. #3, Wellsboro, Pa. 16901, Phone (717) 724-5561.

For Sale - Approx. 90 A Central New York. 43 stanchion barn, silos, ponds, some equipment. 315-549-8755 Seneca County.

REAL ESTATE

For Sale - South Ga. modern dairy farm, 2 Harvestore silos, 2 homes, excellent land, Florida milk base. Smith Dairy, Rt. #3 Box 163, Sylvester, GA. 912-776-5266.

Montour County farm located between Danville and Washingtonville off Route 54N. on paved road. 20 acres, all tillable, 3 bedroom house, barn. To be sold at Public Auction April 14 along with some household items and tools. 717-789-3422 or 717-742-8254.

For Sale - 5 acres, 539 ft. frontage, zoned commercial on 422 East Myerstown. Jacob B. Stoltzfus, R1, Myerstown, Pa. 17067.

N.Y. STATE, SOUTH JEFFERSON COUNTY DAIRY, 399 acres good alfalfa land, 3 working units total 107 stanchions, 4 silos, 2 houses, selling due to health, will subdivide. Realty World R. Kemp, 145 Clinton Street, Watertown, N.Y. 13601, 315-788-4178, June Farrell, salesperson.

N.Y. STATE 1000 ISLANDS REGIONS, 230 acres, 150 cropland, comfortable 11 room house, fine barn with milkhouse, \$80's, Realty World R. Kemp, 145 Clinton Street, Watertown, N.Y. 13601, 315-788-4178.

For Sale - 142 acre dairy farm, located 1½ miles west of Selingsgrove on Sassafras St., good productive land, can be bought with cattle and milking equipment, would also make beautiful home site, view over Selingsgrove, Salem and surrounding area. No Sunday Calls 717-374-9240.

For Sale - Cottage on Kewka Lake in New York State. Ideal boating, fishing. \$9000.00. 717-724-3312.

Wanted - Land to rent in SW Lancaster Co. or SE York Co. 717-872-5554.

New York State finger lakes, 557 acres, 330 tillable, 120 free stalls, double eight milking parlor with automatic detachers, 84 x 60 heifer barn, 103 x 63 machine storage, 112 veal calf stalls, 20 x 50 harvestore, two 20 x 50 concrete silos, three good houses. \$450,000. Stock and equipment. Available. 607-868-4230.

Property For Sale - About 4 acres of land in West Carthage, NY. Livable cellar, boiler, attached garage, city water and sewer. Residential 1 \$15,000. If interested write Mrs. Jane Marsh, Carthage, NY 13619 RD 2.

For Rent - 150 a. farm in Gettysburg near battlefield with large barn and silo. Currently commercial hay operation marketing direct to Md. & Va. Ideal set up for hay, beef, or horses. No dairy. Hay machinery available. Interested in clean, neat, professional operation. Prefer recent college grad. No on-farm housing, but available nearby. Excellent opportunity on beautiful farm for enterprising young man or woman. Write Box 366 L-10, c/o Lancaster Farming, Lititz, PA 17543.

110 acre Cochranon, 36 stanchion dairy or general farm, excellent house, for sale or rent. 717-682-3241.

For Sale - One hundred acre dairy farm, 75 tillable, Lawrence County. Lots of buildings. Beautiful modern house. Good water and schools. Moderate taxes. Immediate possession. \$125,000. Will consider financing 60% at favorable interest rate. 412-924-2853.

REAL ESTATE

440 acres mostly tillable, fenced, some buildings, \$300 per acre others for \$200 acre. Evelyn John Realty, Waukegan Minnesota 56761. 218-425-7472.

Farm for sale by owner in Bradford County, 145 acres good loam, new barn 36x100, 45 tie stalls and calf pen, Ribstone silo 20x50, 20x20 milk house, 620 gal. bulk tank, Surge pipeline 5 units, ½ bath in barn, 45 cows, 4 registered heifers, old barn and large work shop, drilled well, large pond, 770 Case diesel, 620 J.D. 460 International diesel, 3 bottom plows, transport disk, 14 ft. transport harrow, baler, chopper, blower, 175 bu. spreader, 2 self unloading wagons, 1 Levy fertilizer spreader, grain drill, 1 ton feed bin, pressure washer, side rake, alternator, 1700 bu. corn crib, 2 elevators, brush hog, some tools, 2 story house, 1½ baths, oil heat, 11 rooms mostly carpeted, very good condition. Price \$220,000.00. Call 717-746-1962 Town, school and churches 4 mi.

86 acre farm near Shipensburg, PA, 54 tillable and mountain land, barn, hog pen, 2 story house, secluded. AUSHERMAN BROTHERS REALTORS, 229 N. 2nd St., Chambersburg, PA 717-264-6715.

Summer Home - 3 acres, 1½ story 8 room home with electric heat, carpeting & fireplace located in Ellington, Lycoming Co. Good hunting and fishing. Only \$34,900. Ph: 717-995-9356.

Dairy Farm - 15 acres, hills and pasture, more land available, large barn, 7 room home, 28 stanchions, bulk tank and other equipment included. Priced at \$50,000, part down, Lois Lang, Broker, 315-649-2774.

CENTRAL NEW YORK FARMS CUSTOM GRAIN HANDLING & SWINE PRODUCTION - This excellent complex of buildings situated on 87 valuable acres (30 minutes to Syracuse and having 3400 ft. of road frontage) contains a granary equipped to dry and store 20,000 bushels of grain. Includes a new 64 ft. (1500 bu/hr) elevator leg, and 5 round bins (3 with aeration). One building 24' x 88' contains a fully insulated confinement floor, with center pit, for hogs. Also, a basement dairy barn 36' x 132' with a 30' x 50' wing, and an insulated farm office. New Butler steel building 50' x 65' x 16'7" (24' doorway) can also store grain to 5' depth. Other buildings include: a 13' x 60' loafing shed (concrete floor), and a 16' x 60' utility shed. A 9 room Colonial residence is also included. Located in an abundant grain area where direct purchases are easily made, or, an additional 450 tillable rental acres are available for crop production. 25 miles to Hatfield Packing Hog Pool. Price \$181,500.

SWINE & CROP UNIT - 85 acres (60 tillable), predominately Honeoye soils. Basement barn 34' x 52' with leanto addition 36' x 52' with concrete floor. Good 7 room residence. 1100 ft. of frontage on county blacktop. Within 1 mile of Hatfield Packing Hog Pool. Price \$95,000.00.

Salesman for Appt., Ralph K. Lydman (315) 497-0032
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REAL ESTATE

165 acre dairy farm in York County. Has a 50 stanchion dairy barn, 2 homes, and 130 level tillable acres. \$250,000. We usually have other farms larger and smaller. Call Philip Eppley at Century 21 EPPLEY REAL ESTATE. York 717-854-0008 or evenings at 717-741-2116.

For Sale: Finger Lakes Region of New York State, 278 acre dairy farm, 202 acres tillable, main barn has 32 stanchions, barn cleaner, bulk tank, 16x45' silo with unloader, two other barns, two houses, \$165,000 (machinery and livestock available for \$59,000). Financing available. Hauryski Real Estate, Bath, New York. 607-776-7150.

WANT TO TRADE a choice 10 acre riverfront tract near New Danville for down payment on 50-75 tillable acres within commuting distance of Lancaster. No capital gains tax to pay on property traded. Private, no realtor fee. P.O. Box 211 Willow Street, PA 17584. 717-464-4468 evenings, 717-397-0611 extension 7117 weekdays.

Farm for sale by owner: Elysburg, Pa. 70 acres, 2500 ft. road frontage on well traveled highway in summer. Barn, concrete silo, 3 bedroom house in good condition, other buildings, pond. Ideal site for roadside sales. \$119,000. Call 717-286-4271.

Farm for Rent - Cumberland Co., Newburg, Pa. 150 acre dairy farm, 42 stanchions, 2 silos, house & heifer barn. \$850 per mo. Ph. 301-833-1847.

52 acre farm, north of Reading off Rt. 183, including a 4 bedroom brick and aluminum newly renovated home, complete with grain drying operation, other out buildings suitable for steer or pig feeding operation. JOHN L. STRAUCH REAL ESTATE 215-670-0878 or 717-366-1074.

For Sale - 35 acre farm, near New Volkswagon factory, \$125,000, newly remodeled house. 412-423-2385.

Co-op Real Estate have prospective inquiries from people about renting or buying New Jersey farms, homes or other real estate. What do you have you would want to rent or sale? Phone 609-589-3330, evenings 881-7023.

FOR RENT: 23 acre meadow with stream and 95½ acre, fertile cropland in Millbach area, together or separately. Call 717-949-6842 or 717-949-3653 after 6 p.m.

Allegany Co. 71 stanchion dairy farm, 180 tillable, good residence. 800 gal. tank, gutter cleaner, maple bush, listed at \$110,000. Contact Willard Pengelly, Managing Broker, Harris Wilcox Inc., Brokers, Bergen, N.Y. 716-494-1880.

Finger Lake Region - Conquest, N.Y. 8 room house. Large family room with fireplace, 4 bedrooms, 1½ baths, 40x70 commercial building attached. 2 story barn. Corner site included ample parking area and large lawn. \$39,500.00. Owner will assume mortgage with reliable party. Thomas Slayton, RD#2, Weedsport, New York. 315-384-9770.

For Sale by Owner - 102 acres beef & hog farm, all tillable, 45x80' barn with auto. feeder for 100 cows. 30x100' hog barn, remodeled 4 bedroom stone & stucco house with cathedral living room & fireplace with heat exchanger, attached 4 car garage, large pond. Will finance. 717-359-5834.

REAL ESTATE

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Various plans available. Call or Write: Dairy Farm Leasing 1700 Dupont Ave. South Minneapolis, Minn. 55403 612-377-1489

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Wanted to Rent: Farm land in Berks, Lehigh or Surrounding area. Top prices paid. 215-756-6259.

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Free stall farm, \$140,000. 66 free stalls, 5 stall parlor. Private mortgage to qualified parties.

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TWP - 71 acre farm
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3500 sq. ft. of barn siding
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In Perry County: Early
1800's mountain stone
farm home with large
garage and workshop
combination on ap-
proximately 10 acres,
95% restored Located 30
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system, spring water
system, forced hot air oil
heat, stream through
property and pasture for
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105 ACRE FARM - near
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Park in Luzerne County.
60 acres tillable.
completely renovated 4
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house. Aluminum sided
bank barn w/storage for
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1800' landing strip.
Pond, stream and mini-
orchard. Scads of deer.
\$165,000.

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240 acre operating dairy
farm in Brush Valley,
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tillable acres and 100
acres with timber.
Large bank barn, silo, 2
implement sheds, tool
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buildings. Barn has
pipeline, bulk tank, and
gutter cleaner. 11 room
house, fireplace, car-
peting, lawn. All
buildings are in very
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10 acres partly wooded,
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15 acre farm, 11 room
colonial stone home,
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\$129,000.

Two 3 acre building lots
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FINGER LAKES**

413 Acre Productive
Working Dairy. 350
tillable. L-shaped
Freestall Barn for 122
head with additional 55
stalls. Surge 10 Unit
Milking Parlor. Calf
barn. Heifer barn. 1
Harvestore silo, 25' x
80'. 3 Concrete silos, 18'
x 60', 20' x 40' & 14' x
40'. Centralized feeding
system. Machine shed.
Shop. Two story 5
bedroom home. Buy
bare for \$375,000 with
\$109,000 down. Or with
full line of equipment,
110 milk cows and 34
bred heifers for \$695,000
with 29% down and
owner financing
balance @ 8% for 20
years. BP1013.

Many other listings. All
prices. All sizes. Call
toll free. Out of New
York State 800-448-4511.
In New York State 800-
962-1480.

RURAL REALTY
VENICE CENTER
NY 13161

REAL ESTATE

REAL ESTATE

#138 250 Acres, very productive soil, 100 cow barn, 2
20x50 silos, 2 very nice modern homes, excellent
location, good milk market, financing available. \$2000.

400 Acres modern 60 tie stall barn, 2 Harvestores,
beautiful new ranch home. This is an outstanding
productive farm, \$260,000.

500 Acres, 140 tillable, balance pasture and woods,
modern 72 cow barn, pipeline, 24x65 silo, 2 very good
houses, owners illness forces sale. \$166,000. \$120,000
assumable mortgage.

Send for free farm list - 200 farms listed.

RICHARD E. POSSON REALTY
RD 3, Norwich, NY 13815
607-334-9727

THIS WEEK'S SPECIAL

250 A Productive soil, restored farm house, large cattle
barn, immediate occupancy.

90A Modern hog set up from farrow to finish, all new
buildings.

140A Level 100 stall dairy, large birch mansion,
available immediately.

6A Modern home & Nice horse barn.

BLUE BALL REALTY

Blue Ball, Pa.
Phone: 717-354-4536

FARM IN HUNTINGDON CO.

This 114 acre dairy farm is situated at
McAlevys' Fort in a beautiful area of Hun-
tingdon Co. It features a 2 story house, 2 story
barn w/34 x 34 holding area in excellent con-
dition, silo, 32 stanchions, milkhouse, 2 corn
cribs & several other buildings in excellent
condition. There is a stream flowing through
this property, the hunting is excellent & there
are several gorgeous views of the countryside.
This farm is also very suitable for beef cattle.

ASSOCIATED REALTY

814-234-3990 or 814-238-5177

SUSQUEHANNA CO.

180 acre dairy farm with 4 bedrooms, 1 1/2 bath, farm
house in very good condition, 24 ftl living room with
fireplace, wall-to-wall carpet, open stairway, formal
dining room, kitchen, den and 2 enclosed porches, new
roof and insulation, oil hot air heat, 50x60 barn with
Gleaner, 45 stanchions, milk houe with 400 gal. bulk
tank, 24x40 machinery shed and 2 16x34 silos. One of
Susquehanna County's finest farms with nearly level
productive land, 1 mile m/l of good road frontage.
Various sized parcels without buildings at \$1100 per
acre, entirity \$276,000. Owner will consider installment
sale.

ROBERT T. COATES, REALTOR

717-442-4134 or 768-3711

IN SAME FAMILY SINCE 1814, 450 acre showplace
farm. Excellent 90 cow piepline barn, new milkhouse,
54 cow heifer barn. 24 stall calf nursery. Beautiful
early 1800 Colonial home, 4 tile baths, 3 fireplaces,
library. Mint Condition. 2 Tenant houses. Commercial
maple syrup operation produces 12 gallons/hour.
\$298,000 and worth every penny!

CONNECTICUT MILK MARKET, 225 acre dairy, 47
cow DeLaval pipeline barn, mow elevator, 2 unloaders,
pole barn, heifer barn. Fine slate roof-Colonial with 4
bedroom apartment. 34 milkers, young stock, 3 trac-
tors, equipment. \$225,000 w/assumable 8% mortgage.
JUST LISTED!

260 HEAD OPERATION, presently one of the highest
herd average operations in the USA. 166 tires, 100
young stalls, double 6 parlor, 4 silos, unloaders. 2 fine
homes plus mobile home. 535 acres grow all hay and
silage for 285 head. \$385,000 w/feed inventory.

SACRIFICE SALE-BOUGHT OTHER FARM, must
sell 150 acre farm on private lane. Sturdy 8 room looks
directly down the Mohawk River. 60 cow barn needs
good cleaning. \$66,000, terms w/owner. Available with
more or less land.

LARGE, NICE-LAYING FIELDS. 168 acres, 160
tillable. 48 cow barn, dump station, bulk feed, mow
elevator. 9 room Colonial home, 4 bedrooms, oil fur-
nace. \$95,000.

FREE DAIRY LISTS.



**WIMPLE REALTORS
SLOANSVILLE, NY**

518-875-6355

FOR SALE

6 Acre property, located along Rt. 35 5 miles North of
Mifflintown or 1/2 mile South of Oakland Mills, PA. 2
Story 7 room house with bath. Barn & other out-
buildings. 30' x 50' commercial block building. Nice
rout stream, beautiful retirement home.

Contact

JESSE D. PEACHEY

Star Rt., Box 95
Mifflintown, PA 17059

FARMS FOR SALE - CENTRAL, N.Y.

Large & Small -

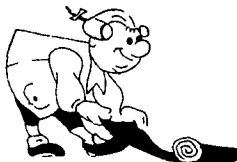
all types ranging in price
from \$40,000 - \$300,000.

Also Land Listings Available

Write for free farm listings.

STROUT REALTY

Ross Iannello, Broker
RD 1, Rt. 8, New Berlin, NY 13411
607-847-9288



Colonial

Real Estate Agency
Box 179A, RD 1
Mt. Union, PA 17066

PERRY CO. - 50 acre farm with nice 7 room home with
oil furnace, buildings approx. 40 x 150 & 30 x 110, also
pond and 4 room and bath cottage \$60,000.

SOUTH HUNTINGDON CO. - 30 acre farm, nicely
remodeled home with 6 rooms and bath, aluminum
siding, Ben Franklin fireplace, new plumbing and
wiring, good barn and work shop \$55,000.

814-447-5511

#159 - 78 acre dairy farm, new 28 stallion dairy barn, silo & machinery sheds, 50 tillable, 26 pasture, no house. \$126,000. Reduced to \$120,000. Excellent 4 bedroom house \$140,000.

#164 - 10 acre farmette, excellent barn, 10 room home & stream, \$49,500.

#183 - 117 acre modern apple & pear orchard, new pack line & 30,000 bu. cold storage, over 285,000 new equipment included - \$550,000.

#422 - 64 acre farm, 24,000 cage layer operation, equipment included, 54 tillable, modern house \$150,000.

#423 - 175 acre crop farm, 142 tillable, large bank barn, large corn crib, large home. Over a mile of road frontage. \$195,000.

#182 - 3600 acres of flat wooded land, zoned industrial/residential, will subdivide 500 acres or larger, near Interstate 81, \$525 per acre.

#181 - 206 acres, near Danville, 165 acres tillable, 100 beef & 1000 Hog operation farrow to finish. All modern buildings, silo & bunk feeder, completely remodeled house, owner financing available, \$310,000.

#170 - 85 acres of land, 60 tillable, 25 wooded, \$69,000. Owner financing.

#180 - 5 Acre farmette in Ringtown, large 4 bedroom 5 yr. old home, 2 barns; second new 1 bedroom home, \$75,000.

#123 - 112 acres, 85 tillable, 4 acres woods, stream frontage, over 1 mile road frontage, good bank barn, no house. \$112,000.

#166 - 102 acre farm near Gratz - Lykens Valley, 80 tillable, stream thru, pond, spring water, 20 room home, 4 large barns, plus others, large beef & turkey operation, small down payment, owner will finance. \$179,000. REDUCED \$149,000.

#156 - 70 acre farm, \$79,000, 45 tillable, 25 acres large timber, stream through, 4 bedroom home, 90 x 20 barn plus other buildings. Owner will finance.

#149 - 75 acre farm, 45 tillable, 15 fence pasture. Balance wooded, 2 streams & pond, 4 bedroom home. \$75,000.

Shown by Appointment Only
Call or Write

STROUT REALTY, INC.
Licensed Real Estate Broker
Peter Cortelyou, L.R.E.S.
936 East Main St.
Hegins, PA
717-682-3241



FARMS & MINI-FARMS

Call to set up an appointment at your convenience to inspect these and other farm and rural properties.

F8-289 Juniata Co. Farm, 68 acres, near Richfield, bank barn and minor out buildings, 4 bedroom home, possible owner financing \$89,000.

F9-53 25 acre farmette with 4 bedroom frame house, close to Line Mountain School. Land is open with plenty of road frontage, pond. \$65,000.

F9-52 Snyder Co. near Middleburg, 9 acre ranchette has 3 BR renovated farmhouse w/fireplace, older barn, new 20 ft. pole shed, screened patio and more, 2 wells & spring, only \$44,900.

F9-32 Juniata Co. farm, midway between Thompsonstown and Mifflintown, presently Amish dairy operation, 72 acres M/L w/over 50A tillable, good buildings, 24 stanchions, 12x45 silo. Public, Amish & Mennonite schools. \$129,500.

F8-337 180 acres - Snyder County, Port Trevorton area, approx. 90 acres tillable, beautiful view, great for Development or whatever. Only \$695/a.

F8-336 Bloomsburg/Catawissa area, 112 acres w/85 acres tillable, presently utilized for beef operation but can be readily converted to dairy, barn & other buildings in very good condition w/1100 ft. road frontage. House has 5 bedrooms, 1 1/2 baths and family room w/fireplace. Excellent condition. \$163,000.

F8-276 Rush Twp. - North'd County, 102 acre farm w/77 acres tillable, large bank barn in fair condition with numerous other storage and equipment storage areas. 2 1/2 story brick house with 5 bedrooms. Priced at \$135,000.

F9-330L Milton area farm, located w/easy access to Rts. 147, 11, 15 & I-80, 51 acres m/l, suitable for development, excellent possibility for future growth and expansion. New elementary school 1/2 mile. Suitable for commercial use. Ideal road frontage. (Call Gordy 717-524-7739).

Bowen Agency inc.



REALTOR®

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Selinsgrove, PA

"PHOTOS BY WIRE"

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Evenings call Realtor Assoc

Phil Graybill
717-374-8038

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AGENCY INC.**



GREAT BUY!!

Large wood framed house on 2.9 acres, new roof, new paint outside, just remodeled, use as a 2 unit apartment or single family dwelling, very attractive place with large lawn, just \$29,900.

Safe-Buy Real Estate

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Phone 717-659-5684 Mon. thru Sat. 12:30 to 5 P.M.
After 5 P.M. Call 717-549-4173

NORTHCENTRAL PA. FARMS FARMETTES & INVESTMENTS

PRIME LOCATION: for your new home or farmette. 32.81 acres of open & wooded land. Excellent view of a small lake on a private road off a dead end township road. \$12,500 Y-128.

OLD HOME: for restoring on 136 acres, large barn, would be a nice antique shop, place for horses or beef on hard top road, Leona area. T-699 \$78,000.

OPERATING DAIRY FARMS

EXCELLENT BEEF OR CHICKEN OPERATION: 83 acres lge. 4-floor barn with water & electric. Recently painted. Approx. 25 x 35' area down for cattle loads of storage for hay. Electric elevator in center to save time and energy. \$59,900. C-164.

VEAL OPERATION: 28 acres + 3 poultry houses with one renovated for 120 veal, liquid manure, ventilating system, calves mixing tank, contract available, + 2 more buildings suitable for poultry or hogs. 35 KW standby generator. 4 bedroom ranch style house recently remodeled, full basement wood mode kitchen, plush wall to wall carpet, new bath, vinyl siding fully insulated and much more call now at Wellsboro office 717-724-5921. #W-375 \$84,500.

BRAND NEW BARN: Very nice operating farm near Wellsboro, PA. 157± acres, 100± tillable, new barn 1977 costing over \$90,000. 46 tie stalls straight run 14 x 44' silo, 10+ ton brick bin. 600 gallon bulk tank, 4 unit DeLaval milking system with energy saving hot water unit. SS pipeline. Comfortable 4-5 bedroom home. A good buy at just \$150,000. M-1772.

PRIDE OF OWNERSHIP OPERATION: 230 Acre dairy farm tillable, all in ex. shape (in potato country) 61 tie stall barn, pipeline, 2 bulk tanks, 2 barn cleaners, harvestone hay drying equip. main house nicely remodeled w/Franklin stove. Includes tenant house and much more at \$254,000 also available for purchase is a 71+-acre, 28 head dry cow operation. Barn still set up for milking w/fair house. Just \$64,000. Also 80+-acres (70 tillable, one field) brand new automated feeder setup, currently used for replacement heifers. Worth every penny of \$85,000 asking price. 150 additional till. acres for lease at approx. \$800 p/yr. Complete back up upon request. If your expanding don't overlook this A-1 farm. M-1752

140 ACRE DAIRY FARM - TIOGA COUNTY: 85 till. balance pasture and woods, 37 tie stalls with room for 10 more, 18x55 concrete stave silo, Patz barn cleaner, real nice milk house with 500 gallon tank, stream bordering property, garage 3 bdrm house partly remodeled, beautiful area, and can be bought with less acreage at a reduced price. Total farm at only \$112,500. W-371.

CALL OR WRITE US FOR OUR FREE LISTS!



Offices Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, RD 3 Box 142a 724-5921
WESTFIELD, 108 Main St 814-367-2249
MANSFIELD, RD 1 Box 41 662-2138
AND BRADFORD County call or write
TROY 533 Elmira St 297 2118
WYSOX Box 186 265-3171

OUR #1 AIM IS SERVICE

REAL ESTATE

REAL ESTATE

CLINTON COUNTY

200 acre beef farm, 195 acres tillable, 3 silos, new 108' x 120' barn, level sandy river bottom soil.

FRANKLIN COUNTY

161 acres, orchard, 130 acres of nectrine trees, modern ranch house and barn. Owner will lease with option to buy.

243 acres. orchard, 143 acres tillable, 79 acres of nectrine trees, 2 houses and barn, 5 acre pond. Owner will lease and payment will be credit toward sale price.

LANCASTER COUNTY - Rapho Twp.

2 1/2 acres with horse barn, 8 stalls, 2 acres fenced pasture.

3.8 acre building lot, partially wooded and landscaped, stream, spring house.



HEMPFIELD REAL ESTATE

RD 3 Garfield Road
Mount Joy, Pa. 17552
-717-898-0151

CENTRAL PA. FARMS

Centre County - Located near Boalsburg, PA, this 44 acre farm features a good barn & 40 acres of highly productive tillable land. It has excellent frontage. Sound 2 story frame house and shop can be purchased at a later date for a very reasonable price \$94,500 without house.

Columbia County - Very highly productive grain farm, 533 A w/approx 345 acres tillable. Complete grain drying system with American batch dryer, 2 elevator legs, storage bins, 3 homes, 2 barns, & miscellaneous outbuildings. Located near Bloomsburg. Can easily be split into large grain farm & beef farm for simultaneous sale to 2 buyers. Suitable for two families \$1,066,000 with 7 1/2% owner financing.

Northumberland County - Ideal for general farming, this 138 A farm features approx 121 A of nice laying, highly productive tillable land & a very large 2 story bank barn. Adjacent to Milton, it has a large amount of road frontage & public water & sewer is available. Although the property does not have a dwelling the purchaser can purchase a new dwelling at cost. An excellent investment opportunity at a reduced price of \$310,000.

Centre County - Bald Eagle area, 93 acre farm, 80 acres tillable, good productive land, no buildings. Priced at \$89,000.

Mifflin County - Ideal for investment or general farming, this farm features 115 acres, with 106 acres of productive, tillable land. It has valuable road frontage on Rt 22, and also features creek frontage. The brick dwelling features an open, banistered stairway from the first floor to the attic, and the two story bank barn has 21 stalls. Also included is a milk house, corn crib, implement shed and out buildings. Reasonably priced at \$137,500 with owner financing available.

Centre County - Nittany Valley - 160 acre general farm, 120 acres tillable, bank barn, out buildings, no house, stream, good water supply. Located approximately 5 miles North of Bellefonte, PA on Rt 26. Amish neighbors. Priced at \$199,500 with owner financing.

PLANNING TO SELL YOUR FARM?

Selling a farm is more than running an advertisement. It involves a thorough knowledge of soils, crops, livestock and financing. Kissinger Leonard & Associates Farm Sales Staff has extensive farming and agricultural financing experience, and combined with the firm's 45 years of service in Central Pa., a detailed professional farm sales program has been developed. If you are thinking of selling we would appreciate the opportunity to explain this program to you at your convenience, without obligation. For more information, please feel free to call or write the office or call any of the sales associates listed below.

CENTRAL PA. LAND, CABINS

Many land parcels and several farmettes available. Free list available.



FARM & LAND DEPARTMENT

Evenings Call:

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Fred Strouse	PH: (814) 364-1705
Mel Rockey	PH: (814) 466-6688
Richard D. Reed (Bedford)	PH: (814) 839-4271
Larry W. Platt (Lewisburg)	PH: (717) 568-5563
245 South Allen St.	State College

PH: (814) 234-4000

"Serving Central Pa. Since 1933"

BETTER DAIRYMEN

LEBANON Co.: Here is Your Dream Come True! A 122 acre limestone soil farm with 82 stanchion barn. & box stalls for heifers & dry cows. The milking system is a 2 yr. old 7 unit Surge pipeline with 1250 gal. bulk tank. Beautiful 3 bay equipment shed workshop, 24 x 80 & 14 x 50 silos. House is a 4 bedroom brick, 2½ story with modern kitchen & bath, oil hot water heat, spring & well for abundant water supply.

Note: This farm can be sold even after spring crops are planted & includes owner financing.

GREENHOUSE OPERATION

Lancaster Co. 65' x 200' Greenhouse which is presently in operation along with 3 bedroom rancher on heavily traveled road for retail trade. Owner retiring-financing available at only \$53,900.

Ask For Information on Many Other Farms 182 acres, 64 acres, 50 acres & 40 acres.

LEOLA REALTY, INC.

Realtors
127 W. Main St.
Leola, Pa. 17540
717-656-2281

**CONSIDERED ONE OF THE
TOP FARMS IN
SOUTHERN NEW YORK**

300 acre valley farm with 270 tillable acres, all gravel loam soil with 99 acres planted to alfalfa, large easy to work field, 1 field 75 acres in size. Early well drained soil which produces top crop yields. 2 real fine houses, 25 yr. old gambrel roof, 93 cow dairy barn, 200 ft. long, Harvestore, 4 other silos, new 8880 sq. ft. equipment and fertilizer sales buildings, 4 other barns, heifer barn, 2 86 ton steel grain bins, located in agricultural district, 1000 gal. tank, pipeline, paved barn yard, excellent milk market, all buildings in excellent condition, top line of equipment also available. Sale Price \$515,000 with \$145,000 down with 7% owner financing to qualified buyer. For appointment call Tom Mullen

**UNITED FARM
AGENCY**

Waverly, NY 14892
607-565-9861 or
607-598-2524

REAL ESTATE

REAL ESTATE

POTTER COUNTY FARM

Cash crop -- Beef -- Swine
480 Acres Excellent Level Land
250 tillable acres
40 acres pasture
190 woods & pasture
All modern buildings
Adt'l 50 tillable A./sale or lease
Land excellent state of fertility
Owner financing available
--- \$330,000 ---
Phone 814-848-7602
DON M. FREEMAN
Box 180, R. 1
Ulysses, PA. 16948

**MONTGOMERY COUNTY**

75 acres, \$3,500.00 per acre large amount of road frontage #139

40 acre 8 room house and barn ready for renovation Located along Rte 663 Tremendous possibilities \$125,000 #111.

MONROE COUNTY

71 acre jug milk operation, 75 freestall barn, two 20x16 concrete silos w/unloaders, 70' bunk feeder, barn cleaner, 300 & 400 gal bulk tanks, 4 stall Surge parlor plus nice 2½ story frame home and 3 house trailers A going operation at \$225,000. #199. Cattle & machinery optional

**BERKS COUNTY -
NEW**

120 acre, 110 tillable dairy farm, 62 freestall barn, Surge parlor, 800 gal tank, Bou-matic milkers, 20 x 50 concrete silo 20 x 32 Harvestore, auto feeding system, stone colonial home, 4 bedrooms & bath, new kitchen, large living room, other outbuildings A going operation \$240,000.

139 acre orchard, very nice, large sales building, 110 x 60 & 40 x 45 refig storage, grading rooms & office building Also a good 8 room frame home w/bath & 4 room Summer house w/bath A very nice operation at \$380,000. #241.
36 acres adjoining property available also, \$108,000 #242.

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society \$375,000 #117.

208 acre dairy farm Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable Must be seen to be appreciated \$416,000 #101.

COLUMBIA COUNTY

70 acre dairy farm, 60 tillable, 30 stall frame barn, full line of milking equipment & bulk tank Completely remodeled frame house w/modern kitchen, 4 bedrooms & 1½ baths, also full line of machinery All for \$105,000 #254.

204 acre jug milk farm featuring 2 homes, main house stone & frame, 12 rooms & bath w/all modern conveniences Second home 2 story w/8 rooms, & bath, oil hot air heat, both in excellent condition Also 130 freestall barn w/automatic feeding, parlor, milk house & holding area One 26 x 70 concrete, one 20 x 30 Harvestore & 5 12 x 45 silos Also new dryer & 11,000 bu storage bin, 4 large equipment buildings & 4 car garage Sales store w/black top lot & walk in cooler, also a full line of modern equipment including 4 tractors, skid loader & combine Also 65 head of cows A very good buy at \$550,000 #247. Call for details.

JUNIATA COUNTY

160 acre beef, swine & chicken farm, 130 tillable, very nice 2 story home, 8 rooms & bath, 60 x 90 barn w/30 acres of newly fenced pasture w/stream, farrowing house & 3 story block broiler house, completely auto A nice laying farm, Call for details. \$230,000. #251 Also acreage available for rent with farm

117 acre orchard w/road side store market featuring walk in cooler & large cold storage There are apple, cherry & peach trees, a lovely 2 story home w/6 rooms, bath & laundry, all modern A family operation & a very good buy at \$195,000 #246.

FRANKLIN COUNTY

46 acres with cabin & beautiful wooded area near Chambersburg \$57,500

**BRADFORD COUNTY
NEW**

310 acres, 200 plus tillable, very nice laying farm, 68 tie stall 2 story modern barn, pipeline, bulk tank, (2) 20 x 60 concrete silos w/unloaders 54 freestall barn for heifers & dry cows, large machine shed, other storage barns, conveyor, 2 ponds & creek, 4 bedroom modern home, cattle & machinery optional, \$350,000. #258.

92 acre dairy farm, 36 stall barn, 420 gal bulk tank, barn cleaner, silo & more Featuring a nice 2 story home w/modern kitchen, living room & family room, 4 bedrooms & bath A very good buy at \$89,000. #252. Also field machinery available

290 acres, 220 tillable dairy farm, 102 stall barn, pipeline milker, bulk tank, barn cleaner, fans & heifer stalls, large machinery shed & heifer barn, new insulated shop, 2 18 x 50 concrete silos w/unloaders, 20 x 50 Harvestore silo & other outbuildings Four nice dwellings, a mobile home & several nice ponds, make this a real buy A real going operation at \$470,000. Cattle & machinery optional Also 150 acres available for rent #239

98 acre, 70 tillable, good dairy barn, 47 tie stalls, heifer stalls & pens, bulk tank, barn cleaner, 20 x 60 concrete silo w/unloader, all equipment in good condition, \$110,000. Cattle optional Also 100 acres available for rent #240

16 acre hunting camp w/frame house, nice kitchen, large stone fireplace, cathedral ceiling, fenced Also 2 barns, milkhouses, grainery & garage Spectacular view, \$49,000.

REDUCED

243 acres, 110 tillable good alfalfa ground, 2 houses both remodeled Main house has 8 rooms including modern kitchen & bath Second house has 6 rooms & bath Both automatic heating 61 stall barn, barn cleaner, 630 gal tank, milk transfer system, 2 concrete silos w/unloaders, 2 tool sheds Room for 85 cattle \$230,000. Now operating with cattle optional Also 200 acres available for rent #226.

155 acre modern dairy farm, 800 gal bulk tank, 64 tie stalls, barn cleaner, 2 story home, 4 bedrooms, new full bath, beautiful view and other outbuildings A good producing farm \$141,000. #184 Cattle & machinery optional

WOODED ACREAGE

(2) 25 acre tracts \$14,250 ea.
10 acre tract \$6,000
13 acre tract \$7,800

248 acre dairy farm, 160 T, new dairy barn, 72 free stalls, 8 stall herringbone parlor, 800 gal tank, 80 cow bunk feeder, 20x60 conc silo w/unloader (half full of silage), liquid manure, heifer barn and dry cow barn, also storage barn, 2 story frame house, 7 rooms and bath \$178,000 #115.

CHESTER COUNTY

106 acres of nice open ground, Newark area Ideal for farmette or development Call for details \$79,500. Reduced \$68,500.

SUSQUEHANNA COUNTY

148 acres beautiful woodland located near Elk Mountain ski area \$83,000.

LUZERNE COUNTY

158 acre 130 tillable Dairy farm w/2 homes Main house is lovely new split level, w/8 rooms, 1½ baths & fireplace Second home is 2 story 8 room & bath, all modern A 106 free stall barn, 8 stall Surge parlor, 1200 gal bulk tank, bunk feeder, & 20x80 Harvestore silo 2nd barn is used for dry cows & heifers w/2 16x40 silos & feeders All for \$290,000. Cattle & full line of machinery optional

82 acre X-mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2½ baths, fireplace, kitchen, etc Barn, grainery, silo, and garage 10,000 X-mas trees ready to go 25,000 total trees A nice home and a good business opportunity Priced to sell \$168,500 #172

Grain Farm, 138 acres tillable, 9 room very good house \$160,000.

DAUPHIN COUNTY

110 acre Grain farm in Lykens Valley, very good soil, a large log home with 8 rooms & bath is set off by a nice stream running through farm There are several outbuildings including 40x127 barn in excellent condition A beautiful farm & value at \$225,000.

YORK COUNTY

203 acre dairy farm, beautiful 150 comfort stall barn, pipeline milker, two 1000 gal bulk tanks, extremely large milk house with offices, dry cow barn with large hay storage above Very large concrete lots, two Harvestore silos 20x50 Large trench silo 10,000 bu grain bin Two very beautiful homes A very beautiful farm \$475,000.

160 acre, 130 T beef farm, remodeled 8 room house, large bank barn, corn crib, and other outbuildings, nice laying land. \$225,000.

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated \$190,000 #145.

POTTER COUNTY

40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side \$20,000 #109.

TIOGA COUNTY**NEW**

Own your own valley, 784 acre dairy farm with 100 plus freestall barn, automatic feeding system, double 6 Herringbone parlor 1700 gal tank storage, (2) 20 x 60 Harvestore silos & 2 other silos, bank barn & 3 houses Main house is a modern 1½ story 12 room home with 5 bedrooms & new bath Second house is 2½ story with modern kitchen & bath, 3 bedrooms, living room & dining room Second bank barn for heifers & hay storage, & a third house 2½ story 8 room & bath Much more, all for \$475,000 #263

Selling or buying a farm is more than a simple business transaction. All of our salesmen have been engaged in aspects of farming. We have a good knowledge of farming & farm finance & are geared to help you with quick and reliable service. Our agency force throughout the state is ready to serve your needs today. If you are thinking about buying or selling, please call us for a free consultation. Let us help you achieve your higher goal.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Rt. 100 Hereford, PA 18056

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WILSON T. ADAMS

Berks Co
215-562-8210

GEORGE PERRY

Berks Co
215-944-9910

GORDON BOYER

Luzerne Co
717-788-3543

RALPH CONNELLY

Chester Co
215-857-9619

E. DEAN FRANKLIN

Bradford Co
717-265-6062

TIM FRANKLIN

Lycoming Co
717-326-1675

JAMES TWIGG

Franklin Co
717-264-9261

AMOS BALSBAUGH

Lebanon Co
717-949-6534

HAROLD SHELTON

Susquehanna Co
717-727-2881

JOE SIEBER

Juniata Co
717-463-2181

KEN THRUSH

Columbia Co
717-784-5023

RAYMOND SWARTLEY

Bucks Co
215-257-6425

SUSQUEHANNA CO.

180 acre dairy farm with 4 bedrooms, 1½ bath, farm house in very good condition, 24 ft. living room with fireplace, wall-to-wall carpet, open stairway, formal dining room, kitchen, den and 2 enclosed porches, new roof and insulation, oil hot air heat, 50x60 barn with Gleaner, 45 stanchions, milk house with 400 gal. bulk tank, 24x40 machinery shed and 2 16x34 silos. One of Squehanna County's finest farms with nearly level productive land, 1 mile m/l of good road frontage. Various sized parcels without buildings at \$1100 per acre, entirety \$276,000. Owner will consider installment sale.

ROBERT T. COATES, REALTOR
717-442-4134 or 768-3711

Small 20 acre farm in East Donegal Township, Lancaster County, with good producing limestone soil. Has been farmed organically for last 12 years. Would make excellent truck farm. Well-kept 4 bedroom house, stone and frame barn, road frontage \$118,000

OUR PEOPLE MAKE THE DIFFERENCE



ENGLE-HAMBRIGHT & DAVIES, INC.

2122 Marietta Ave., Lancaster, PA 17603
Phone 717-291-1041

REAL ESTATE

CHESTER CO. GENTLEMAN'S FARM

11 acres of country includes pond, shade trees & barn. Home has 3 bedrooms, 1½ bath, living room, dining room, kitchen, sewing room & laundry. Well worth the price, \$90,000.

145 acre dairy farm near Coatesville, 2 tenant houses, approx. ¾ mile frontage. Call for more details.

144 acre farm hidden in secluded valley. Sloped ground, now being used for horses & beef.

181 acre dairy farm, 120 acres tillable, very productive farm includes pipeline milkers, 50 stalls, 2 300 gal. milk tanks, 12 x 50 silo. Could be 2 smaller farms.

We have more farms available. Give us a call & we'll be glad to show them.

I. DONALD HOSTETTER

Realtor
Strasburg-717-687-7652
Gap-717-442-4114
Cochranville
215-593-5113

REAL ESTATE

REAL ESTATE

MAILBOX MARKET

For Sale JD model FBL 17 hole grain drill, Berks Co 215-488 1965

For Sale New JD model 1250 plow, spring cushion coulters, 3-16" \$1575 Hunterdon Co 609-397-3426

For Sale 2 1952 Harvestore systems, model 1750 very good condition, \$2500 each or both \$4500, Burlington Co 609-298-1033

DeLaval 2 hole receiving jar, 1900 ft 4" & 5" irrigation pipe, elbows, tees, reducers, sprinklers, motor or belt drive, Lyc Co 717-546-6546

REAL ESTATE

LYCOMING COUNTY

Oval, 55 acres general farm, 50 acres tillable \$85,000.

NORTHUMBERLAND COUNTY

70 acre general farm, level sandy loam river bottom soil, exceptional 4 bedroom house, city water, road frontage.

UNION & LYCOMING COUNTIES

45 acres nice woodland with stream, excellent deer country.

DAUPHIN COUNTY

70 acre general farm, \$140,000.

UNION COUNTY**WHITE DEER**

140 acre Dairy, 52 stanchions, 3 silos, 126 tilled, 9 room brick house & stream.

CLINTON COUNTY

Between Nittany Valley & Sugar Valley, 180 acre general farm, real nice farm ground, large barn, nice house. We have many other farms.

DONALD R. WITWER
REAL ESTATE

Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

SOUTH CENTRAL PENNA. FARMS

CUMBERLAND CO.

Dairy (Newville)

174 acres (120 tillable) fertile, rolling limestone soil. Pasture, timber & stream, 2 bank barns - 1 improved with 24 comfort stalls, 400 gal. tank, 3 unit pipeline & stable cleaner. 2nd is heifer housing. Large modern stone house with center hallway, open staircase & 3 working fireplaces

Dairy (Carlisle)

108 acres, 80 tillable, fertile rolling limestone soil, large bank barn, 68 tie stalls, 500 gal. tank, 2 stable cleaners, 2 silos, 1 unloader and bunk feeder. Large cement block implement and loose housing building. Large semi-modern brick house with center hall way, open stair case and fire places.

FRANKLIN CO.

General (Chambersburg)

94 acre secluded, ideal setting to raise family, comfortable 3 bedroom frame house, bank barn, small silo and other out buildings, 3 flowing streams and spring fed farm pond, well wooded with special character.

THINKING OF SELLING "YOUR FARM"?

This is certainly an important decision raising many questions -

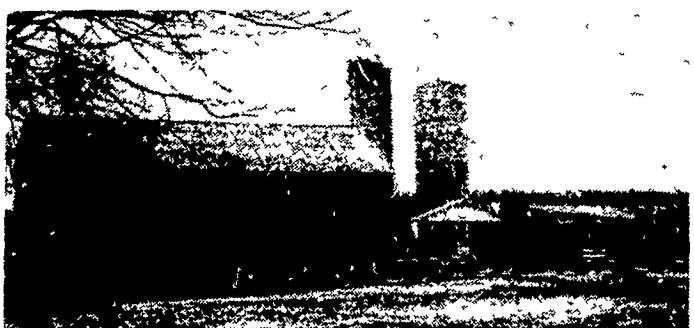
What is a fair price? How to find a "QUALIFIED" buyer? When should I sell? What about tax considerations? The farm specialists of G.L. Ebener & Associates, with 85 combined years of dairy farming experience and other agricultural involvement, can help you with answers to these and other important questions. Selling your farm is one of the most important decisions of a lifetime and merits professional help. Write or call us to discuss your objectives.

GEORGE L. EBENER & ASSOCIATES, REALTORS

139 West High Street
Carlisle, Pa.
Phone - 243-6195

If you prefer, call any of the Farm Representatives at his home 'phone listed below.

John B. Niesley - (717) 243-7575
Charles L. Wenger - (717) 263-0945
George L. Ebener - (717) 249-4979
Wilbert L. Diehl - (717) 258-3231

— FARMS FOR SALE —**JUNIATA DAIRY FARM**

C 160 ACRES, 140 TILLABLE, HOUSING FOR 75 HEAD, 4 unit pipeline milker, milk tank & barn cleaner, 20 x 60 & 16 x 50 silos, a very nice 4 bedroom & 2 bath home, 80 acres of woodland adjoining, available to the buyer at \$40,000 This farm is priced to sell at \$266,000

154 COW SETUP

C Freestall setup with modern parlor (double 8) including a 245'x150' loose housing barn for heifers & dry cows, (2) 1000 gal. milk tanks, silos include - (2) 24x62, 20x60, 20x55, large eq. shed, lagoon for manure handling, 8 acre lake, 14 room modern house with 2 baths, much much more, words alone cannot describe this Northern, PA dairy setup

SNYDER CO. STARTER FARM

C 77½ acres w/stream, ideal for hogs or steers, woods frontage both sides of hard road, Priced in 80's

LARGE FREESTALL SET-UP

P 180 (mostly tillable) acres, 24 x 80, 20 x 52 silos, Bradford Co

LEWISBURG AREA

P Small broiler farm, automated, nice location, beautiful home plus a mobile home Priced in the 60's

4½ ACRE FARMETTE

P Off 11 & 15 Routes, fantastic peaceful valley setting, woods, meadow, stream, 1000' frontage, well built country home, porch, large car port, 2 car garage & much more, \$40,000



1770 Oregon Pike
Lancaster
Phone: 717-569 8701



FARMETTES WOODS

FARMS FOR SALE**NEW LISTINGS — 1980 POSSESSIONS!****★ 345 ACRE DAIRY FARM ★**

Myerstown Area. 1980 Possession, with Terms

★ 150 ACRE BEEF OR HOG FARM ★

Myerstown Area. 1980 Possession, with Terms

★ 260 ACRE DAIRY FARM ★

Lebanon County. 1980 Possession, with Terms

★ 540 ACRE BEEF & GRAIN FARM ★

Special Financing Available

★ 500 ACRES WITH ALL LAND ADJOINING ★

Several Sets of Buildings, 1980 Possession, with Terms

★ 86 ACRE BEEF FARM ★

Reading Area ... To Settle Estate

**RICH BRANDT REALTORS**

2230 5th St. Highway, Reading, PA. 19605
(717) 274-3622 (215) 378-1122



MAILBOX MARKET

For Sale- 1903 Springfield 30 06 MM, 3 pt 3 btm, 16" plow with Oliver shears, JD KBA 28 disc, York Co 717-259-7070-

For Sale- Dump frame and cylinder from Chevy truck \$100, York Co 717-292-1343

Heavy duty 1830 Moline field chopper, 2 row corn head, 7 ft Fox sickle bar, 7 ft pickup head, Fox parts are in terchangable, very good condition, 609-935-3323 or 1717

For Sale- JD 420 3 pt hitch, live PTO hydraulics, excellent condition \$1475, Nottingham 215-932-3965

Wanted- Glass greenhouse under 250 sq ft Gary Jedinak, Star Rt , Box 13D, Gore, VA 703-888-3390

For Sale- Sheep, registered purebred Shrophire yearlings, 1 ram \$125, 2 ewes \$100 each, Northampton Co 215-838-6296

For Sale- Clay high discharge silage, Cart powered with 7 hp Briggs and Stratton motor \$600, Potter Co 814-334-5504

For Sale- JD 50 side mounted mower \$300, JD hay tedder, \$150, NI 762 2 row forage harvester head \$500, cub cadet 7 hp belt drive tractor \$200 or offer, 215-589-4641 Lebanon Co

Wanted- Clean fill from road scrapings, road construction, building excavation, etc 2 miles east of Bethel, Berks Co on old Rt 22 at Gravel Pit Rd 717-933-4318

For Sale- 18 can milk cooler, excellent condition, vacuum can lift, 20 milk cans, Sarah K Lapp, Rd 2, Box 216, Quarryville, PA

Set of high sides for hay wagon, 16 ft x 8 ft x 6 ft high, good condition, \$75, 717-624-8197 Adams Co

For Sale- 2 13 9x36 tractor tire and rims, 75% rubber, \$250, Wanted- Sauder loader 717-733-6697 Lancaster Co

For Sale- JD 2640, like new, 80 hrs , 70 hp, dual remote, roller bar and roof, Wyoming Co 717-587-1628

For Sale- Live red worms now available for fisherman, organic farmers, & gardeners, wholesale and retail Lancaster Co 215-267-7053 or 6143 after 5

Fresh raspberry plants, grown from certified stock, Bristol, early cumberland, new cogan, order now, can hole for planting date, Raab Freit Farm 717-244-7159 or 244-3250

For Sale- Pickup truck box from 1976 Ford slightly damaged, good to make trailer or pickup use, Lebanon Co 717-933-4032

For Sale- 4 open Grade heifers, breeding age, \$500 each, Lancaster Co 215-445-4051

For Sale- 18 can SS cooler used 2 yrs and milk cans, 3 Surge milkers- 50 lb pail Henry B Yoder, R1, Box 109, Kirkwood, PA

For Sale- Few good Jersey family cows, 1 freshens in may, 1 in Aug 717-354-5826

For Sale- JD Van Brunt 12 disc fertilizer and grain drill \$425, Joseph S Weaver, R1, Martin Dr , New Holland, PA

For Sale- 3 new Pride of the Farm hog feeders, 12 hole with cast iron troughs, \$285 each, assembled, 717-423-5464

For Sale- MF 3 pt 3 btm 2 way plow, trip beams, \$550, JD 2 row corn planter \$300, 717-788-2248 Luz Co

For Sale- Engine driven Case baler, runs good, reasonable, Montgomery Co 215-584-4772

For Sale- Big Dutchman chain feeder 3 1/4" egg belts and water troughs, Chester Co 215-286-9119

MAILBOX MARKET

For Sale- Parker gravity bin with running gear \$400, Brillion 10 ft cultipacker with 18" rolls \$400, good condition, Lancaster Co 717-653-4725

Wanted- WFE and 28" rear tires and wheels for MF 50, trade NFE & 38" tires wheels or buy out right, 609-825-5051 Cumberland Co

For Sale- IH 455 corn planter with insecticide and fertilizer attachments, excellent condition, \$1000, 2 15 5x38 tractor rims and tires \$250, York Co 717-225-3380

For Sale- 7 fresh and springing heifers, 717-865-5968

Wanted- Hired boy needed immediately, apply to John L King, Belmont Rd , Paradise, PA

For Sale- 8 ft Athens transport heavy duty disc, like new \$15, 2 seat Golf cart 4x5 wooden body, make offer, 215-256-8650

For Sale- Axle dual rims for 20 8x34 tires, Cockshutt 40 to run NTPA Super Stock rules Somerset Co 814-267-3888

For Sale- F130 Ford 3-16 trip back bottom plow, complete with coulters, coverboards and landing hitch, Somerset Co 814-267-3991

For Sale- Crossbred open gilts, York, Duroc, & Landrace cross, Edwin Ranck, Rt 1, Christiana, PA 215-593-6488

Wanted- Pump for gasoline tank, manual or electric, Sickle bar mower, Frederick Co 301-271-4247

For Sale- Rubber tired top buggy with brakes, good condition, Lancaster Co 215-445-4279

Bred sows and gilts, Landrace-Yorkshire Cross, 609-935-1113 or 769-0542

Wanted- Used rim and tires for Farmall H For Sale- Oliver 88 with corn sheller and picker, 717-944-3582

For Sale- JD AW 9 ft 10" transport disc, 2 14-9x38 tires, Joseph Klein & Son, Monmouth Co 609-259-7178

For Sale- Yearling Muscovy hens \$2.25 Bantam hens \$1.25, 215-267-7931

Edison cylinder triumph Phonograph 36" Brass horn, 100 cyl , cherry record cabinet, \$1000, Indiana Co 412-463-8971

Irish Fordson, good condition, original tires on, horse drawn IH corn planter, converts to tractor hitch, Blacksmith forge, 717-528-4085 eves

For Sale- high quality milk goats, grade, ages from kids to 4 yrs , Saanen, Nubian, Alpine, Togs, \$40 & up Montour Co 717-437-2431

For Sale- Dearborne combine with Wisc air cooled engine, will sell either separately, 717-386-2433

For Sale- 200 tons of corn silage, treated with silo best, \$18 ton, 717-933-4887 Berks Co

For Sale- JD 290 2 row corn planter on rubber, in good condition, Chester Co 215-932-2288

For Sale- 1 reg Jersey bull calf, 6 mo old, 717-252-2162 York Co

Wanted- Axle beam & wheels for NI manure spreader, prefer 20" wheels, distance between wheels must be not less than 62", York Co 717-292-6361

For Sale- 92 MH combine, 12 ft cut \$1200, corn fodder \$50 ton delivered, 215-932-5522 or 932-8579 Chester Co

For Sale- AKC Siberian Husky pups, Amos K King, Ship pensburg, PA Box 202 A, Cumberland Co

For Sale- Hand fired coal or wood stoker with hot water jacket and circulator, Lebanon Co 717-949-3317

MAILBOX MARKET

For Sale- tractor, mower, blade, snowblower, new, cab, cart, sweeper, chains \$1995, 301-283-3121

Wanted- person with no-till grass/legume seeder to custom plant 25 acres, S York Co 717-993-2829 eves

For Sale- Penny scale, \$75, used in drug store, Bought new 1950, 5 ft tall, can be seen, Delaware Co 301-658-6975 eves

For Sale- Int manure spreader with hydraulic tail gate 570 \$2895, Lancaster Co 717-284-2561

For Sale- NI 501 loader brackets included, to fit Oliver 77-770 or like models, manual dump bucket, 2 buckets in cluded \$195 717-225-3706

For Sale- 200 ft Cherry lumber, Oliver 3 btm 12 in hydraulic lift plow \$50, 6 AC 14 in 375 series plow shares \$20, Lebanon Co 717-866-5396

For Sale- 8 day Westminster Chime clock, Seth-Thomas brand, A 1 condition, 1/2 price, Jacob P Beiler, Rd 1, Box 319, Noble Rd , Kirkwood, PA

For Sale- Natural colored eggs for Easter, also quality brown eggs, chickens fed without medicated feed Levi Miller, S Vintage Rd , Paradise, PA

For Sale- IH 4 btm plow with good adjustable btm and trashoards, will sell for parts or whole, Daniel H Martin, Rd 2, Stevens, PA At Red Run

For Sale- Black Wilson soybean seed, good germination, good for quick crop of hay or silage, \$10 per bu Salem Co 609-935-4072

For Sale- Approx 300 ton corn silage, hay, 10 new Clay stanchions, 717-867-2738 Lebanon Co

For Sale- 6'4" utility body, Reading made, for short wheel base, \$100 or best offer, Bucks Co 215-536-8291

For Sale- MF 300 combine, cab, quick attach heads (grain and 2 row wide corn) 1 owner, Chester Co 215-857-5886

For Sale- 6-71 Detroit diesel with 1400 g p m Gould pump, 2070 hrs , excellent condition, 12 ft springtooth, Gloucester Co 609-783-6599 after 5

Set yourself up in the honey business, For Sale- 8 healthy bee hives with complete setup, plenty of deep and shallow supers, Everything you need, \$500 717-533-3144

For Sale- IH #2 12 ft tractor spring tooth harrow, new condition, 3 BN JD 14 in cast iron plow bottoms complete, Hunterdon Co 609-466-2273 after 6 and weekends

For Sale- 60 ft Badger auger bunk feeder with 2 horse loader, 2-5 hp motors, Ammon B Lantz, Rd 4, Lime Rock Rd , Lititz, PA S of 322 W of Ephrata

For Sale- 7 yr old saddlebred horse, \$900, David B Miller, 554 Gibbons Rd , Bird-in-Hand, PA

Servis Heavy duty stock chopper, hyd folding wings, 15 ft wide, \$2700, Lancaster Co 717-872-5007

For Sale- 10 ft Brillion transport harrow, No SH 01 with drag \$650, 1 pr tractor chains, 12-4x34 \$25, Lancaster Co 717-665-5760

For Sale- 2 Border Collie pups, male and female, 3 mo old, \$20, Frederick Co MD 301-834-9524

For Sale- Tractor weights 9 75 lb front end plus carriage and 4 45 lb wheel weights like new \$385, 609-259-7528

For Sale- Locust posts 7 & 8 ft length, \$2.50 to \$3 call 717-687-7212

For Sale- Gang saw attachment to fit 12" Belsaw planer, ad justable with 6 blades, works nice \$95 E-Kaufman, Rd 2, Mverstown PA 17067

MAILBOX MARKET

Horneo Dorset ram for swap (or Sale \$125), 4 yrs old sire of many twins and triplets, Chester Co 215-384-9056

For Sale- JD 3010 diesel tractor, 1947 GMC flat bed dump truck, Hunterdon Co 609-397-3455

For Sale- Ford 4 row no-till corn planter, \$1000, NH 479 haybine, excellent condition \$3500, NH 850 round baler, excellent condition, \$6000, Harford Co 301-836-3782

For Sale- Farmall 756 diesel, 310 German engine, 2800 original hrs , 16 938 tires, fully weighted, 3 pt hitch, dual remotes, excellent condition, 203-735-1492 Shelton, Conn

For Sale- 1st, 2nd, 3rd cutting alfalfa and broam, straw and No 2 hay, but not mulch, approx 3500 total Wanted- good double disc or hoe drill, Union Co 717-547-1790

For Sale- 300 MF combine with hume reel, reasonable, Chester Co 215-932-9500

For Sale- 1000 bales of bright clean oat straw, Warren Co 201-689-4892

For Sale- AC WD with manure loader \$800, flat wagon \$100, Lancaster Co 717-898-7620

Wanted- Reg Holstein calf, born after Jan 1, 1979 for FFA project, Lancaster Co 717-684-8160

For Sale- Black raspberry plants, \$4 dozen or \$28 hundred, Lancaster Co 215-445-5734

For Sale- Approx 4000 board ft 4/4 & 8/4 walnut lumber, air dried 1 yr Moses B Glick, Rd 1, Willow Street, PA 17584

Davis Stationary Mixer on scales, 2000 lb capacity, reasonably priced, MG-5 Catalytic gas heaters (15), Artifield hopper scales, 717-352-7343

For Sale- Starline 710 right hand tank spreader, 185 bu capacity, good condition, Lebanon Co 717-838-6976

For Sale- 5 Elevated calf stalls \$55 each, 4 AC fertilizer openers \$70, 3 pt hitch for JD 60, \$275, Mifflin Co 717-667-3105

For Sale- 1970 Ford station wagon, 390 auto , air cond, PS, PB, \$500, 215-869-2183 Chester Co

For Sale- 400 Int spring tooth harrow, 12 ft Lancaster Co 717-665-7284

For Sale- 250 lb Static \$60 delivered to home in Hogue Rd 1, York Springs, PA 717-528-4222

For Sale- Clean straw \$60 per ton at farm, can also deliver, Wanted- Water tank on running gear, Lancaster Co 717-786-4329

English Pointers, all ages, all colors, Champion Bloodlines, Eves 215-826-5855

For Sale- NH 65 baler with thrower, good condition \$500, Warren Co 201-637-4515

For Sale- Int WD9 tractor on steel, needs repair, Henry K Beiler, Box 147, Rebersburg, PA 16872

Skilled sheep shearer - for your appointment write, Greg Davis, K 8 Oaklane Gardens, Trexlertown, PA

For Sale- Alfalfa hay & straw, Rd 5, Lebanon 717-272-6236

For Sale- Used 300 Gal Jamesway bulk milk tank, good condition, Juniata Co 717-463-3270

For Sale- About 400 bu grain sorgum, cheap, feed for pigs or steers, \$3.95 per 100 lb Lebanon Co 717-865-4038

For Sale- AC 3 14' trip back plow and WD cultivator, frame, York Co, Steven Haulacker, Rd 2 Dover PA 717-292-4677 after 5

Lancaster Farming, Saturday, March 31, 1979-85

MAILBOX MARKET

For Sale- Black lambs, male & female, some bottle babies, black & white spinning fleeces, 215-488-6532 Berks Co

For Sale- Economy Power King, 14 hp tractor, trans , 3 pt hookup, tandem trans , lawn & garden equipment used 1 season Lancaster Co 717-738-1437 after-5

For Sale- Servel bottle gas refrig /freezer, small size, working condition, \$125, Levi E Beiler, Box 318, Noble Rd , Kirkwood, PA

For Sale- Aluminum roof for 12 ft silo, also 40 ft outside fill pipe, Lebanon Co 717-272-6342

For Sale- JD 2 row middle buster for planting asparagus, 150 gal bulk milk tank with self contained unit, 609-358-8528 Elmer, NJ

For Sale- NI 725 corn head, Oliver 4 bottom mounted plow, Starline 2000 feeder, 80 ft Badger Gutter cleaner, Blair Co 814-793-2969

For Sale- JD disc drill, FB, 7x13, new fertilizer box, bottoms and plates \$450, Juniata Co 717-463-2994

For Sale- 50 cow breeding chart, ideal for quick reference, \$40, 2 7x14 AMC rims \$10, 2 F7814 tires on GM rims, excellent \$40, Lancaster Co 717-426-3689

For Sale- 7/8 Simmental bull, sired by Renza, born March 22, 1978, \$800, Hafco Farm, 717-297-3528 Bradford Co

For Sale- New 47 Int baler wagon hitch, complete assembly \$100, Samuel E Beiler, Box 158, Rt 1, Strasburg, PA 17579

For Sale- Old barn to be dismantled by purchaser, oak and metal roof, make offer, Toastmaster Broiler, slowcook, etc used 1 time, \$60, Harford Co 301-272-3180

For Sale- 2 10,000 bu grain bins with leg elevator and dryers, excellent condition, York Co 717-456-5024

For Sale- 65MX Gehl grinder mixer \$1100, 8 240 lb York-Hamp cross gilts, \$150 each, 350 lb Duroc boar \$250, Landisville, Lancaster Co 717-898-2539

For Sale- 350 Int Harvester, with all 3 heads, very good condition, \$1000, Cumb Co 717-776-3766

For Sale- Corn planter K-60 2 row Case, 3 pt disc openers, very good condition, Adams Co 717-259-0040

For Sale- 10" channel irons, 4'20' tarigated pipes, 717-786-3060 Lancaster Co

For Sale- Feeder cattle, 2u head steers, 250 to 950, Av 550 lbs beef breed, dehorned and castrated, excellent cattle, \$10,000 firm, Fairman Farms 814-371-2006

20 stanchions swap for Ford 8N or 9N tires, plow or what have you, Hunterdon Co 201-236-6693

For Sale- Complete rear end with wheels and front steering post for Farmall 400, good cattle racks for short bed pickup truck, 717-244-3760

For Sale- Hesston 5600 round baler \$2500, Gehl blender box \$1200, Gehl self unloading wagon \$1000, Mifflin Co 717-935-2494

Wanted- new or good used 10x34 or 11 2x34 rear tractor tire, Schuylkill Co 717-467-3461

For Sale- Hesston 310 self propelled windrower, 8 ft cut, new motor, 1 season, excellent shape, Bucks Co Wm Gunser, Rd 1, Newtown, PA 215-968-2192

For Sale- NH 616 Harvester with 1 row corn head and pickup header, running condition, \$75, Lanc Co 717-354-5067

MAILBOX MARKET

For Sale- 65 IHC 1890 dump truck, 30,000 tag, air brakes to be sold at David Good's next sale

For Sale- PT 10 Hesston haybine, \$600, also mixed alfalfa and orchard grass hay \$40, York Co 717-432-2227

Wanted- Small milk cooler in running condition, John Zimmerman, Cabin Drive, Hinkletown, PA

For Sale- 701 NI uni tractor with 3-30" corn head, 729 hay sheller, & 710 combine, Harford Co 301-879-3341

Notice- Anyone going to Central Missouri interested in taking a pickup load of cabinets contact Ivan Hurst, Ridge Ave , R1, Ephrata, PA

For Sale- Old hand hewn log, various size from 6"x12"-22' on down, good for fire place mantles, Lancaster Co 215-267-6919

For Sale- 4 JD insecticide boxes, fits 494A planter, Lancaster Co 215-267-3222

Wanted- Reliable young man to work on a fruit farm, Lancaster Co 717-733-6474

For Sale- 90 can milk body, 215-593-5240 after 5 p m Lancaster Co

For Sale- 2 Holstein cows, close springers with good records, Henry S Beiler, Rd 1, Christiana, PA, 1 1/2 mile east of Georgetown along Rt 372, Lancaster Co

For Sale- 50 Case stall cat farm packer with spare parts, good condition, 18 mo old, asking \$5200, 301-635-6155

For Sale- English shepherd pups, bred for handling livestock, Wanted- DeLaval magnetic milker with clean claw, steel wheels for front of Int Lancaster Co 717-354-7869

Wanted- Bu home grown clover seed, Lancaster Co 717-354-5056

Wanted- Tobacco scaffolding, 17 ft and 18 ft rails, double tobacco ladder, Lancaster Co 717-665-3586

For Sale- Field sprayer, 17 nozzles, 230 fiberglass tank, piston pump, \$550, 1974 Chevelle Malibu, 2 dr 350 motor, \$1950 Berks Co 717-933-8136

For Sale- MC tractor, WD 45 in good shape, on steel with wide front end, Lancaster Co 215-484-2517

For Sale- 2 steel feed bins, 14 & 7 1/2 ton with loader and auger Bedford Co 814-276-3580

For Sale- 5 ton mixed hay at farm \$50 ton, Lancaster Co 717-665-7330

For Sale- Pin oak trees, 8 ft , will dig and plant \$15, Lancaster Co 717-665-3719

For Sale- 2 boars, service age, out of good stock, no papers, 50 heavy laying hens, 16 mo laying, Eli E Reiff Jr, Rd 1, Leola, N Hershey Rd

For Sale- 1974 JD 4400 combine, 13 ft cutter bar with hume reel, excellent condition \$16,500, Hunterdon Co 201-735-8280 days 735-5092 eves after 8

For Sale- 68 Jeepster, auto hubs, runs good, \$1200, York co 717-862-3612

For Sale- Pittsburg transport disc, 9'16" wide good condition, Chester Co 215-469-6439 \$800

Wanted- Used cabbage harvester or information about one 717-467-2039

For Sale- TO35 Ferguson with chains and loader, all 3 pt , 2 btm or 1 btm JD plow, dirt scoop, 7 ft blade, boom and cultivators, small 2 wheel trailer, York Co 717-266-3859

MAILBOX MARKET

For Sale- Truck body, 16 ft stake body with hydraulic tail gate, Bucks Co 215 493-3033

For Sale- Reg Holstein bull, servie age, Sire- Glendell Arlinda Chief, Dam- VG 88 proj 20,000M, York Co 717-259-0173

For Sale- 1/2 acres available for corn planting and harvesting, Boyertown area, 215-367-7845

For Sale- Mulch hay, York Co 717 697-9523 after 4 p m

1977 GMC Jimmy, 4 wd. high Sierra, 19,000 mi air beautiful condition, auto, 10-15 LT Unroyals, with good tread \$6500, 301 592-9097 noon

For Sale- 4 AKC Boston Terrier female pups, 717-993-6095 York Co Charles A Thompson, Rd 3 Box 16, Stewartstown, PA

For Sale- John Bean 1 row potato harvester, Richard Thomas, Drums, PA 717-788-2571

For Sale- 3 Grove forage wagons, right & left & rear unloading, 2-16 ft 1-14 ft JD 12 ft cultmulcher Berks Co 717-866-4286

Show ponies, blue ribbon winners, English and Western tack, Reg Shrop ram & ewes with lambs, Hereford feeder calves and bred cows, Harford Co 301-557-7216

For Sale 3 Farmalls, excellent condition, just painted, C \$950 H-\$1000, M-\$1350, late model AC no till corn planter, 4 row, like new, \$2500, Cecil Co 301-398-6818

For Sale Patz silo unloader in 12 ft silo 3SP11 Surge milker pumps, 150 ft 1 1/4" pipe with stall cocks, 18 Jamesway water bowls, 717-354 3427 Schuylkill Co

For Sale- 450 NH grass mower on steel wheels with hydraulic system in working condition \$1000, Sam F King, Paradise Lane near Paradise, PA

Wanted English walnuts by bu Ephraim D Reihl Sr, 247 E Eby Rd, Rd 1, Leola, PA 17540

For Sale- Int 10 ft disc, locust posts, any length, Wood's Bros picker for parts 8 track tape player, delivery available, 717 345 4109, Schuylkill Co

For Sale- 10 heifers white face and Charolais cross due and springing, 14x14 Steel silo and unloader, Montour Co 717 275-1748

For Sale Farmall H tractor, iron steel wheeled, pull type plow 2 bottom, 7 yr old Reg standardbred horse 15 hands, rides and drives, 717 225 1045

For Sale Large Leghorn chickens, single comb white and rosecomb light brown Henry Miller Strain, \$5 each York Co 717-244-8998

For Sale Smoker elevator, 24 ft with 3/4 horse power motor good conditn \$350, York Co 717 993 2848

For Sale- Case 530 Industrial loader tractor, priced for quick sale \$2250, 717 755 6946

For Sale 8 lug wheel for Ford, Dodge, etc with 8 75x16 5 8 ply tire and good tread, asking \$35, JD LF10 Fertilizer spreader 717-533 3144 after 6, Lebanon Co

For Sale Oliver trip back 2 or 3 bottom plow cylinder operated 8 ft IH disc, round or sawed locust posts Cum berland Co 717 776 7146

For Sale IHC 12 ft wheel transport spring harrow \$395 JD 10 side mounted mower with brackets for 2 cyl & 3010 series \$295, Lancaster Co 717 548 2559

For Sale- 12 H beams, all new beams, 35 to 10 ft lengths 34,000 total, must buy all \$ 06 lb Montour Co 717 672 2021

MAILBOX MARKET

For Sale 9 ducks \$45 + Chester Garver, Rd 1 Paradise, PA 717-687 8400 after 4 p m

For Sale- Engine head resurfacer, \$980, splicer truck trans GMC No 2380531 model 6853C serial T203322 Lancaster Co 717 733-3890

For Sale- 8 ft bed with step bumper from 1972 \$350, 8 ft bed with step bumper from 1972 GMC \$175, Berks Co 717-933-4269 after 5

For Sale- 77 Ford LTD II S-wag, air, cruise control, PS, PB, new Tiempo radials, dark green \$3400, York Co 717-432-3634

For Sale- Local honey \$9 50 per gal, \$37 per 5 gal, hive body with frames \$11 50, 6 5/8 or 5 11/16 Super with frames \$10 50 Dauphin Co 717-896-8637

For Sale- 2 30 gal drums soluble oil for machine shop \$10 each, Lancaster Co 717 665 5469

For Sale- Diesel 78 Dodge swepline pickup, PS, PB, sliding rear window, heavy duty step bumper, Hunterdon Co 201 439 2304

For Sale- Reg Shropshire ram, 3 yrs old, 2 yearling rams, 3 yearling ewes, champion bloodlines, Call after 5 p m or weekends, 717-949 3653

Looking for a good buy here it is, a plow disc for Sale with 26" disc, like new, used 5 hrs Centre Co 814 355 2127 after 5

For Sale- Good mixed horse hay, no rain, no chemicals \$50 ton, will deliver, 717-324-5925

Best land stone picker \$600, IH quick hitch 7 1/2 ft disc \$150, 2 row quick hitch corn planter \$150, IH 7 ft chisel plow \$500, Northampton Co 215 252 1277

For Sale AC XT 190 series III, AC WD 45 diesel, PS, both good rubber and in excellent condition, Lancaster Co 717-284-3205 or 786-7143

For Sale AC G with loader, snowbucket, chains, cultivator, very good condition, \$1650, Lancaster Co 717 367 1945

For Sale 5 horse refrigeration compressor, good condition, Benueil B Fisher, Millersburg Rd 1, Box 285, PA Dauphin Co

Wanted Used mulch pot planter, state price, condition and location, Write Greenlane Greenhouse, Rd 1 Box 108, Belleville, PA 17004

For Sale Semen- Monitor 4, Bootmaker 10, Conductor 1, Tempo 2, Peachum 2 Standout 1, Lancaster Co 717 464 2602

Well bred leopard Appaloosa Stallion, 16 1 hands, stud fee \$65, Cripple Creek Farm K Sanders, Grave Run Rd, Hampstead MD 21074 301-239 7304

For Sale 2 Simplicity garden tractors, 2 hog troughs, 4 & 5 ft Lancaster Co 717 665-3133

2 1/2 story frame house, 1 1/2 baths, modern kitchen dining room, laundry, 3 large bedrooms, & living room, on 2 acres 717-626 0508 after 6 or 733-6501 days

For Sale 2 yr old strawberry roan gelding, green broke David S Zook SW of Georgetown on Hart Rd

Stud serice Black standardbred trotter with 2 white ankles stands 16 3 hands, Paul H Zimmerman R2 East Earl, 215 445 6026

For Sale Charolais bull 10 mo old, service age Lancaster Co 717 733 4336

For Sale MF loader and backhoe good condition IH model H farm tractor 3 pt hitch Burlington Co 609 893 3325

MAILBOX MARKET

Wanted Fast hitch equipment to fit Farmall 230 28 plow 7 ft mower and plante with fertilizer attachment must be in good condition, 717 933 5232 after 5

Wanted WFE for JD 4000 Mifflin Co 717-667-2783

For Sale- 44 acre Juniata Co farm with aluminum sided 3 bedroom home, large barn, cement block truck garage, all bldgs excellent 717 694 3723

For Sale 10 12 ton good ear corn \$65 ton at farm, 16 9x38 tractor tire - 1/3 tread, \$25, 18 4x38 tire with small cut patched \$25 1/2 tread, Perry Co 717-567-6183

For Sale Mc 2 row front disc mounted corn planter for H or M tractor, Oliver radex 3 btm 14" trip plow, Berks Co 215-926 4038

For Sale IH 10 bale thrower with motor, will work on most any baler, \$300, Somerset Co 814-634-0437

Wanted Used 10-24 tire, will trade steel wheels for rubber wheels on Ontario grain drill, 14 8, 717 467-2035

For Sale- New bush hog 5 ft rotary mower \$450, New Hoshins cattle waterer \$75, Arco 30 non-detergent motor oil \$12 50 case, Schuylkill Co 717-386-5213

For Sale Surge milkers, 24x50 Fickes silo, also unloader, DeLaval milker pump and motor, No 73, Bucks Co 215-249-3900

For Sale- 3 hp roto tiller, excellent condition \$125, S Chester Co 215 932-5797

For Sale- Brillion 10 ft cultmulcher, 3 yrs old, Lancaster Co 215-267 7796

For Sale JD 494A 4 row corn planter with liquid and dry fertilizer, Int 7 ft flail chopper, JD 4 bottom plow Montgomery Co 215-489 4620 eves

For Sale Ford 5000 gas, good condition, Lancaster Co 717-569 7760

For Sale- Tubular steel farm gates, any length 8 to 16 ft at wholesale price on farm during April while supply lasts, apple, bees, locust posts, John M Martin, Rd 1, Denver, PA

For Sale 530 gal Jamesway bulk tank, \$1000, Sussex Co 201 875 6404

For Sale 27 Angus cows and calves, \$600 each Adams Co 717-334 1824

For Sale- 12 hp Sears 6 speed Lawn & garden tractor with mower, snowblade chains and weight, engine needs work, caught fire \$200, Lancaster Co 717 653-5936, 1826

For Sale- Horse or pony racing sulky, large brooder house, large 5 wheel hay rake, Berks Co 215 682-7811

For Sale 20" cut Sears rotary mower, runs, has crack in housing \$25, 717 872-2374 Lancaster Co

For Sale- Sauder loader to fit Ford tractor, 717-665 3393

For Sale- JD 11 ft BWF rock flex disc, very good conditn \$1900, 13 ft heavy Dunham cultipacker with transport \$1000, Lancaster Co 717 653 5936, 1826

For Sale- Purebred Guernsey heifers, 10 bred, 20 open, Esco milk tank 5800 lb Lebanon Co 717-273 4132

Century high boy sweet corn sprayer with 200 gal tank \$900, 215 279-5569

Wanted PTO for TD 6, Lancaster Co 717 626 1386

Wanted 25 pullet chickens, ready to lay or JD or NI hay crimper Lancaster Co 717 665 4092

For Sale 63 Dodge 1/2 ton pickup, JD KBA disc harrow, AC 3 btm plow snap coupler, Mt Joy 717 653 4288 5 p m



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55 Chisel Plows
45 Vibra Shank Field Cultivators
New 720 Chopper, 540 RPM w/2-row Row Crop Unit & Hay Pickup, 1 Only \$1850, Waiver of Finance Available

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550 Spreader, \$2750
575 Spreader, Tandem Axle, \$4145

NEW 501 HEAVY DUTY TANDEM 12 FOOT, 5 INCH DISK HARROW

• With 24" Diameter, 1/4" Thick Disk **\$4995**

USED 80 HP & LARGER DIESEL TRACTORS

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Farmall 706D German Diesel, turbo charged, low hours, very clean
Farmall 806D

Farmall 1456D, outstanding
Farmall 1066D, 1700 hours
Farmall 966D, 1976 Model, Low Hours

USED TILLAGE EQUIPMENT

Dunham Lehr 12 ft. cultmulcher
Int. 9A Drag Type Disk Harrow
JD 12 ft. spring tooth Harrow
New Ferguson 10 tooth, 3 pt. hitch, Hi Clear Chisel Plow

Int. 550 Plow, 5-16" 2-bot, new coulters
Int. 710 auto reset 5-16" Plow

USED HAY AND FORAGE EQUIPMENT

JD 38 Chopper w/2-row narrow corn head & grass head
Int 550 Forage Harvester, 1000 RPM, 2-row corn head, new knives
Fox IF 546 Forage Harvester w/2-row corn head & grass head, extremely clean
Int 56 Forage Mower
Gehl Forage Mower

JD #60 Forage Mower
NH #23 Forage Mower
NH Flail Chopper, needs work
Int. 46 Baler w/thrower, excel
Int. 46 Baler, excel
Int. 650 Harvester, 2 Row Corn Head & grass head
Int. 990 Mower-Conditioner, 7 ft

USED COMBINES

Int 205 Combine w/10 ft. platform, pickup reel, 2-row corn head, new in 71, cab, excel. cond.
MF 300 Combine w/grain platform, 2-row corn head

Int. 76 pull type Combine
JD #40 Combine w/grain platform & 2-row corn head

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Int 2400D Industrial Loader Tractor, New Discontinued Model, 3 pt. Hitch, Independant PTO
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MAILBOX MARKET

For Sale- 17 straws of Round Oak Rag Apple Elevation semen, Carroll Co 301-374-6696 between 8-9 p.m.

For Sale- 2 front ribbed tractor tires, size 550x16, like new, New & used parts for Silver King tractors model 42 717-838-5249 Lebanon Co

Notice- Good spring wagon with lights and calf racks, will be sold at Good's Sale April 4 717-354-9196

Wanted- Used 6 or 7 ft rotary mower, pull type York Co 717-432-4682

For Sale- 469 NH haybine, good condition \$1850, KBA disc harrow, new discs \$450, Lebanon Co 717-933-4304

For Sale- Reg Holstein bull, 13 mo, sired by Pawnee Farm Arlinda Chief, dam Irvington Pride Commander with records to 29,069M 1012F 305d \$750 717-933-8403 Berks Co

For Sale- 1975 Chevrolet 2 1/2 ton truck, 31,000 miles, Midwest grain body, \$4895, 1962 Chevrolet 5 ton truck, steel bed, \$999 717-933-4571 or 866-4185

For Sale- Mobile home axle with springs and 3 new tires, Lancaster Co 717-733-7124

For Sale- Shetland pony, real friendly with children, saddle, Lancaster Co 215-267-2251.

For Sale- IH 2 row 56 corn planter with insecticide attachment, good condition, Lancaster Co 717-786-2531.

For Sale- 14 ft hog trailer with tandem axles and electric brakes, Lancaster Co. 717-665-5513

For Sale- AKC Norweign Elkhound pups, sire is by a champion, \$55, Lancaster Co. 215-445-6096.

For Sale- 30 Hot bed sash, 36"x72", also Kathadin seed potatoes from last year's certified, Lancaster Co. 717-354-9835.

For Sale- Goats, grade Nubian kids, castrated and disbudded (no horns), bottle fed, also grade Nubian milkers, Lancaster Co. 717-738-1739

For Sale- 42 feeder pigs, weighing between 50 & 60 lbs \$90 lb. Lebanon Co 717-273-5598

For Sale- 2 DeLaval magnetic milker units, complete with 50 lb. pails & magnetic pulsation, Omar S. Kauffman, Rt 2, Honey Brook, PA.

For Sale- 1965 Chevy El Camino stick shift, straight 6, needs paint, best offer, milk cans, painted with your house or farm 717-284-4340.

For Sale- Continental oil fired boiler, complete with baseboard heat, \$575, Drill E-Z Flo 10 ft. wide \$250, 3 pt saw with 2 blades for 8N ford 215-932-2764.

For Sale- NH rake, rubber teeth \$975, JD B on steel, 450 NH mower, JD 999 planter, JD KBA 24 disc harrow, 717-354-8326 Lancaster Co.

For Sale- White bath tub, steel with porcelain finish, Also Maytag automatic washer, needs work, Berks Co. 215-777-8120 eves

For Sale- Maumee Clover, all small grain seeder, PTO driven drawbar mounted Cardinal Junior 12 ft. elevator, elec. motor \$75 each, Chester B. Stoltzfus, White Oak Rd., R1, Christiana, PA.

MAILBOX MARKET

Wanted- 6 bottom x 18" or 7 bottom x 16" auto reset on land hitch plow, 215-536-8624 or 3456 Bucks Co

For Sale- Timothy hay, \$85 bale, 717-626-7192

Surge alamo 60 vacuum pump, pipe and fitting, 2 vac controls, complete, Surge milkers, S S strainers and buckets, JD 999 corn planter, 717-394-8414

For Sale- 20 ft silo unloader tripod, winch and cable, also JD auger type bulk feeder, 50 ft Lancaster Co 717-354-5092

For Sale- Hart cup water system, 1500 cups with lines, used 3 yrs, \$500, Salem Co 609-692-8960

For Sale- Saranac AR \$135 per bag, Northrup King PX606 \$49 per bag, 9 shoats \$35, Sauder loader fits 8N or Jubilee tractor, \$50, Berks Co 215-562-8347

For Sale- 5 ft FH rotary mower, excellent condition, \$275, Perfection oil burner, OK condition \$15. Lancaster Co 215-267-3427

For Sale- 5 yr old Chestnut saddlebred carriage mare, traffic safe and sound, good broke, Isaac H Hoover, Rd 1, New Holland, PA, 1 mile south of Terre Hill

For Sale- AC model B tractor and mower, Friend high pressure pump model FX 42, Petersime incubator and hatcher for ducks and chickens, model 511 Berks Co 215-488-1957

For Sale- MT JD gardern rear tiller, 4 row corn planter, garage round heater, 3-4 bottom plows, Berks Co 215-926-3284.

Wanted- Red & white Holstein bull, service age, Berks Co 215-987-6674

AKC Pekingese, 1 breeding female and 1 Champion sired male pup, \$150 each, Berks Co. 215-777-1594

For Sale- 3010 JD diesel with 3020 kit in good condition, on steel, \$4500 or best offer. 717-532-8601

For Sale- Ford baler model 250, first cutting alfalfa and grass hay, Franklin Co 717-532-6857 if no answer call 532-2858

For Sale- IHC 13 hole grain drill, like new, has drop bottom fertilizer box, grass box and foot board, asking \$1000, Chester Co. 215-469-6695.

For Sale- Coal range \$195, MM manure spreader \$125, PTO MH clipper 50 combine \$95, 2 & 3 section harrows, \$50 each, York Co. 717-292-2267.

For Sale- 200 ft. 2 in well pipe, \$100, also Araucana roosters, \$5 each, Northampton Co 215-588-5791.

For Sale- JD 2 btm 14" roll over plow with trip beam \$300, Columbia Co 717-458-5959

For Sale- 1975 Chev. C-30 truck, 16,000 miles, V8-350 engine, cattle and grain bed with 10 ton dump, excellent condition, Huntingdon Co 814-632-5781

For Sale- NH flatbed wagon, 14 ft bed \$195, Lancaster Co. 717-872-5516.

For Sale- 1 row Fox harvester with 2 screens, \$150, squareback sleigh \$180, potato plow \$70, Lancaster Co 717-733-1048.

MAILBOX MARKET

For Sale- IH 430 baler with engine, used only 2 yrs, good shape \$3475 Aquila V Bank Rd 1, Gap, PA, Amish rd at Millwood Mennonite Church

Free- Old house with slate roof to be torn down, York Co 717-862-3843 12-12:30 p m

For Sale- 70 Buick SW, Power brakes, steering, windows, seats nine, AC, cruise control, Larry Bender, Lebanon Co 717-867-2995

For Sale- Combination wood and gas stove \$25, NH hammermill \$50, NI hay crimper \$175, all in working condition, Lancaster Co 215-445-5738

For Sale- JD 7 ft cultmulcher, like new, Lancaster Co 215-267-7425

For Sale- Mixed hay, 1st cut early, \$40 per ton at barn, 717-724-5055 eves Tioga Co

For Sale- 2nd cut alfalfa hay, 75 ton corn silage on pile, covered, Freese Brothers, Chester Co 215-932-2048 or 932-4827

For Sale- Top quality registered Holstein heifers, bred and open, Lancaster Co 215-267-7208

For Sale- NH 516 spreader, 3 beater, very little rust, Lancaster Co 717-733-7022

For Sale- Garden tractor Planet Junior with cultivator and Ag tries, \$95, Riding mower, 7 hp 36" cut, 3 speed, \$160, Lancaster Co 717-872-4386

For Sale- JD 18 4x38 duals, 1240 plateless planter, 4-16 reset plow, 15A flail chopper, Lancaster Co. 717-665-3229

For Sale- Choice of 10 sows out of 19 bred, due April, 2 row NI corn picker, Lancaster Co 717-768-3832

For Sale- F14 Farmall, runs good, good tires, PTO, belt pulley, \$350, York Co 717-244-3415

For Sale- 50 feeder pigs, 45-50 lbs vacc. for rhinitis and eyr Dauphin Co 717-367-3283

For Sale- 516 Cushion trip Oliver plow, 5 bottom Farmall MD tractor, 14 ft Chatanoga transport packer, Berks Co 215-777-0052.

For Sale- Forney PTO driven 1200 watt generator, left and right Patz manure slides, all excellent condition, used Case 4 row corn planter, Lancaster Co. 717-786-2957.

For Sale- 2 DeLaval milker units, 73 milker pump with vacuum pail and new vacuum controller, \$100, Lancaster Co. 717-354-8238

Wanted- Approx 4 ft. pipe, 20 ft long, For Sale- old fence rails, Jacob B Stoltzfus, Rd 1, Myerstown, PA.

For Sale- 1 yearling polled Dorset ram. Terry L Shearer, Rd 1, Abbotstown, PA 717-637-9068.

For Sale- 3 yr. old purebred Suffolk ram, no papers, \$75, 215-856-7167 after 5 p.m., Berks Co

For Sale- Started coon hound, Montour Co. 717-437-2431.

For Sale- Concrete hog slats, 5"x4", 148 pieces, \$200, AC WD 45 \$550, Walnut trees, make offer, Lancaster Co 215-267-5012.

Wanted- 38" rims and tires for Oliver 1600 or any 38x16.5 tires, 717-532-9024

For Sale- 3/4 Simmental bull, 1 yr old, excellent type, 215-944-8092 near Kutztown

Wanted- Good used head for TD 9 dozer, head no 260 692T3, Ralph A Shellhamer, Carbon Co 717-386-4435

For Sale- 500 pieces good used roofing slate 9x20, Gideon B Stoltzfus, 3 miles S of Strasburg, 1/2 mi S. of May Post Office, Rd, Box 364, Strasburg, PA

MAILBOX MARKET

For Sale- Cobler potatoes, \$4 50 hundred, field run, your bags, last years certified, Aaron Z Weaver, Rd 2, Ephrata, PA 1/2 mile S of Akron along Tobacco Rd.

For Sale- 16 hp Briggs and Stratton engine with clutch and reduction, like new \$800, Henry U Stoltzfus, Rd 1, Box 110, Morgantown, PA

For Sale- Hot bed sash, over 200, 3x6 and a few 3x7 \$3 50 each, Atlantic Co 609-965-2929

For Sale- NH 518 manure spreader, good condition, hydraulic end gate and single beater, 3 pt hitch for JD 140 garden tractor, Berks Co 215-689-9046

For Sale- Exhibition breeders, Embden, Pilgrim, White China, Brown China \$30 pair, Buff Geese \$40 pair, 717-235 3343 York Co

For Sale- F-12 IH on rubber, runs good \$250, Duaphin Co 717-362-9791 after 6 p m

For Sale- 315 gas combine, cab, gear. drive, 13 ft hume platform, 227 corn head, IH 430, all twine baler with hyd thrower, both excellent condition, Perry Co 717-567-6566

For Sale- Horn stalk cutter, \$65, Thomas 10-8 grain drill for team or tractor \$85, both in good condition, 717-469-2897, Dauphin Co

For Sale- 1955 Jeep 4x4 brush truck 8200 miles, good tires, 700x16-6 ply, 500 GPM, champion front mounted pump, Perry Co 717-438-3349 or 438-3426

For Sale- Oliver 415 trailer mower, 7 ft cut, NI crimper, \$450 takes both, Bedford Co 814-766-2785.

For Sale- Front end weights for Ford 8000 or larger, 60 ft. endless rubber, 6 in belt, heavy duty Ford 2 row cultivator, Tioga Co. 717-662-2088.

For Sale- Gravely 7.6 HP lawn and garden tractor with sickle bar and cultivator, \$275 complete, 215-536-5182 Bucks Co

For Sale- Roosa Master injection pump off 4010 JD, 21"x38" steel rims with heavy 9 hole centers. Somerset Co. 814-629-6034.

For Sale- 36"x8 ft Outdoorsman truck cap, walk-in rear door and interior lights, Lancaster Co. 717-653-5055.

For Sale- Goose eggs for Easter Festival, also day old goslings, J.K Swarey, Sr., N. Cherry Lane, Rd 1, Ronks, PA 17572.

Garage Sale- April 6 & 7, 8 miles S of Quarryville off 472, at Union, Groceries, tools, new & used items Lancaster Co

Wanted- JD 224 or 346 wire tie baler and kicker, bale wagons, also mixed hay for sale. Lehigh Co. 215-767-8551

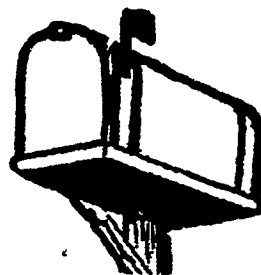
For Sale- Gravity box and gear, 2 14x28 tractor tires, 206 NI manure spreader, A Farmall cub cult NH elevator, Oliver radex trailer plow, Lancaster Co 717-786-3618.

For Sale- Good used recessed bath tub, right hand, spigots included, \$75 or best offer. Emanuel F. Stoltzfus, Rt 2, Honey Brook, PA, Mt Pleasant Rd

For Sale- Cast iron trough, 8 hole pig feeder, approx 15 bu \$20, plastic bottom tomato baskets, 600-700, used 1 season, \$40 each Aaron Z Garman, Rd 2, East Earl, PA 17519

For Sale- Int. flail chopper with blower and JD 10 ft spring harrow 717-927-6580

For Sale- Horse and pony wagons with rubber or steel tires, sleigh runners available. Leola Coach Shop, 2705 Creek Hill Rd, Leola, PA



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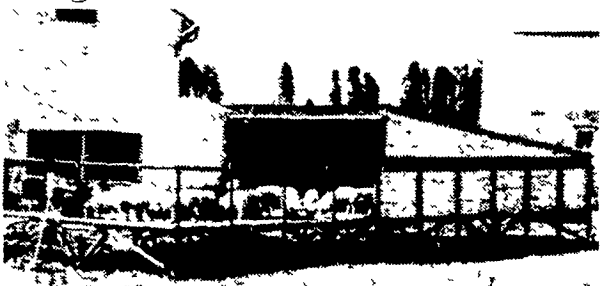
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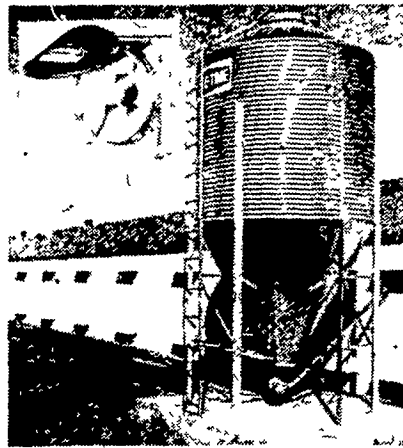
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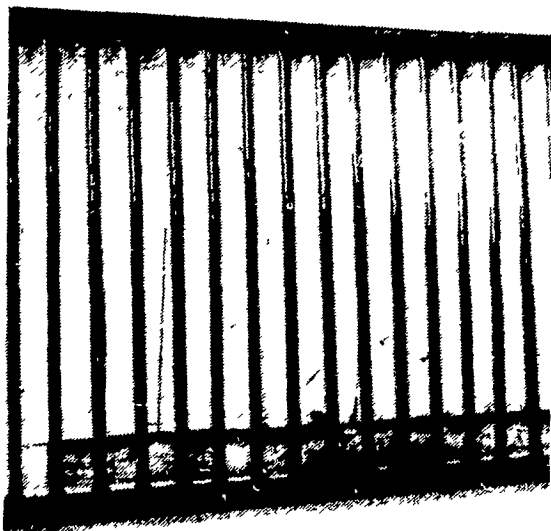
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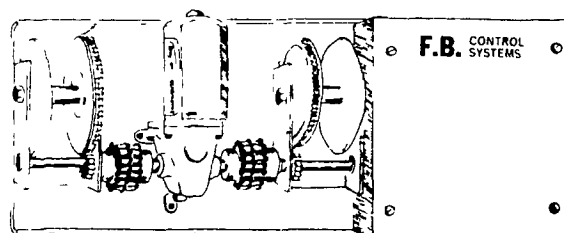
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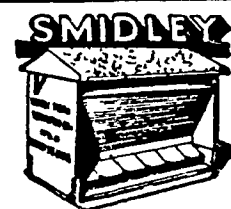
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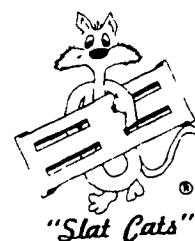
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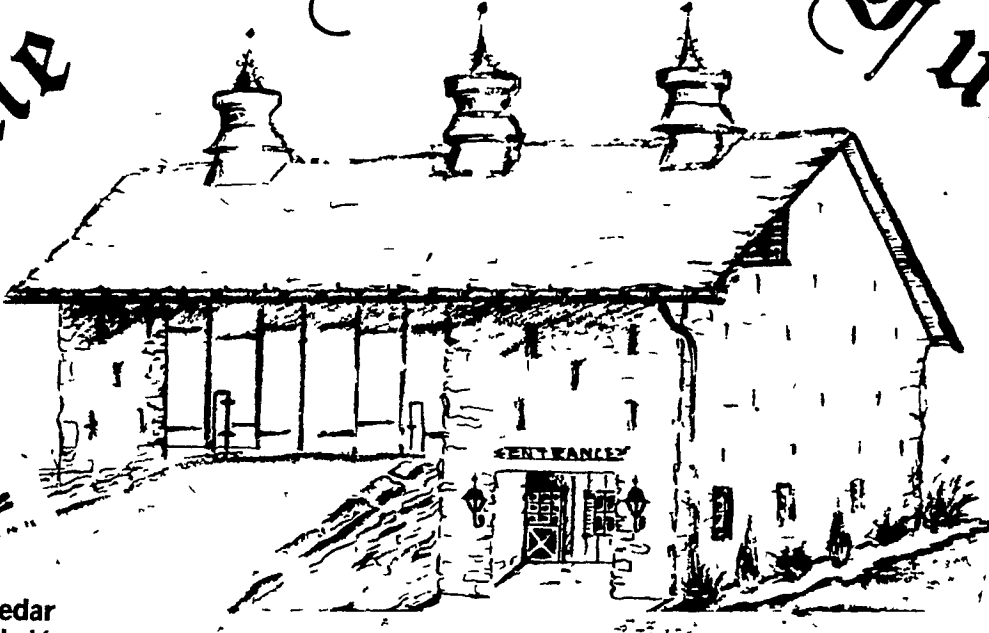
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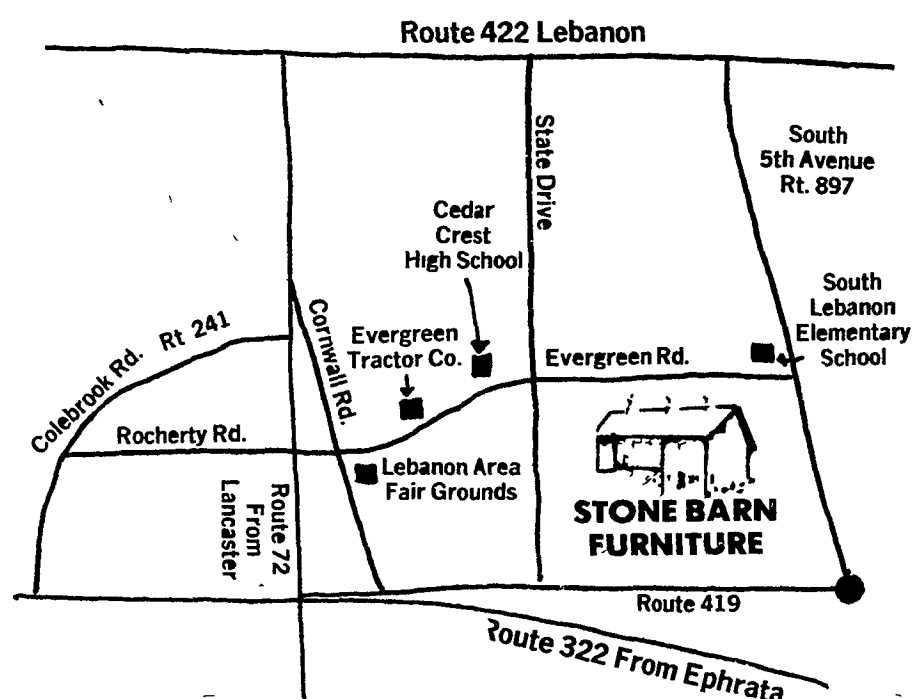
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She spent Summer out-spokin' through Jamaica

By Susan Kauffman
Staff Correspondent

Joyce Brubaker, a Lancaster County lass studying at Hesston College in Kansas, probably has fonder memories of this past January than most. She, along with five other Pennsylvania residents attending Hesston and sixteen other students and four faculty members pedalled their way around the perimeter of Sunny Jamaica.

The students were working out part of their college credits in what is called Interterm. Interterm at Hesston is a time for students to explore new territories and to concentrate on one course for three and one-half weeks. There are fifteen off-campus courses with many elective and required courses held on the campus.

Joyce, a sophomore at the two-year college, elected to enroll in the Jamaican bike hike which covered some five-hundred miles in less than four weeks. The trip was offered in co-operation with an organization of the Menonite Church called Out-Spokin'. This group organizes and conducts bike hikes in many parts of the world. Participants have the opportunity to see other land areas as well as peoples of other cultures and to witness in churches and conduct services of worship during the tours.

This 1977 Solanco graduate majors in Physical Education at Hesston, a 24 hour drive from her home in southern Lancaster County. During semester break recently, she explained what happened, what she saw and what she learned from her Interterm experiences in Jamaica.

In addition to adding four credits to her list, three in Sociology and one for Physical Education, she had the chance to increase her awareness of the people and the culture so different from anything she had known before.

Another benefit she feels she gained during the course was a spiritual emphasis that is not comparable to anything she found on campus.

On the fourth of January, after she and five other students had driven for 24 hours straight through to Miami, the hiking group totally 22 students and four instructors flew out of Miami. After a brief flight of less than two hours, they reached the island, travelled to the base point, a school, and made plans for the rest of the trip.

Jamaica is an island wider east to west than north to south. The group started in the Montego Bay area on the north-west corner of the island and travelled south-west, then east and finally north and north-west to encircle the island completely. The terrain was mountainous in some areas and for the most part the roads were double land macadam highways.

The charting of the course, the preparation of meals and purchasing of supplies and Schwinn 10-speed bikes was the work of the Out-spokin' leaders, three of the four faculty members accompanying the tour. Each participant received a bike, a sleeping bag, and essential camping gear for the duration of the hike. The bikes were equipped with flags and the riders always donned white helmets during the riding each day.

"We were always being observed by the Jamaicans," Joyce recalled. "We were so conspicuous with our bikes and flags and white helmets." "We always lined the bikes up in a row when we stopped." "They had seen the Out-spokin groups before." "This was the eighth year for the hike in Jamaica, but we were still watched everywhere we went," she added.

"The children were especially curious about us." "They wanted to know where we were from, if we had ever been in Jamaica before." "And they always wanted to know what we thought about their island." "They were very proud of their home and it was important to them that we like it too," she remembered.



Seed necklaces, straw hats, and mahogany salt and pepper shakers were among the Jamaican items Joyce brought back from her trip.



Joyce Brubaker with map of the island of Jamaica and course of the 500 mile bike hike

which started at the top of the island in the Montego Bay area.

Homestead Notes

As far as the economic background of the island, Joyce explained that near and in the urban areas, the conditions were not much different from those she had seen in the United States. But the living conditions in the rural areas were very poor, she said. "Many of the people were just surviving with the garden and few animals they had." Since the climate is a warm one with the temperature in the eighties and nineties (during the bike trip) Joyce noted the poorer people had very little clothing.

"I don't see how they could survive in a colder climate," she surmised. "The women almost always wore a dress, often a bright color," she added. The smaller children wore little at all.

Although the people appeared to be healthy, they were much thinner than American inhabitants.

"The Jamaicans are an easy-going, open type of people," Joyce found. "They are not at all caught up in getting ahead." "They feel free to express themselves without worrying about what others think."

During the bike hike, the group conducted worship services at various churches and a school. Joyce recalled how spontaneous the people were and how much they openly reacted to song and sharing. It was also strange to the American youth on the hike to hear the public schools filled with religious songs in the morning.

Another aspect of the culture that was new to many of the group was bartering for the food and souvenirs they selected at the daily markets. "You had to haggle with the seller because he always set his price higher than he would actually sell," Joyce said. "If you paid his first price, it was too much," she added.

The American dollar traded favorably in Jamaica. Joyce said they were exchanged at a rate for \$1.64 for every American dollar. However, everything manufactured was very expensive. Great care was taken to keep the bikes under close observation for to replace one stolen would have cost at least \$800.

Only small cars were driven on the island and Joyce cared very little for the drivers themselves. "When we were travelling near the larger cities, we had to watch out for the traffic." "Although the people as a rule are not time conscious like we Americans, the drivers were very reckless!" "They drove very fast and recklessly."

In addition to staying out of the traffic, the group had many other obstacles to overcome during their 500 mile long hike. The schedule called for an average of 35 miles a day with the highest mileage clocked at 55 miles one day in particular.

The whole group was broken down into groups of five or six cyclists called a cluster. The cluster stayed the same in membership throughout the hike. Each cluster stayed together during the day's rides and encouraged each other throughout the trip.

Every 10 miles each cluster would stop for a brief rest break to allow time to rest and see that all the group was progressing along well.

Following the clusters was the hike van which carried the camping pack assigned to each team member. Clothing, bedding and food as well as cooking utensils for 26 students and adults had to fit into one van.

Joyce said she was fortunate in being in good physical condition for the biking. Others found difficulty in biking at first. Joyce competes in the one and two-mile events in track and participates in cross country events as well.

To some of the group, the food caused some discomfort. Joyce explained that one of the Out-spokin' staff members was the cook for the trip and she purchased and prepared local food dishes. While giving the members of the hike the chance to eat other cultural dishes than those American, many found the spicy food to be disagreeable.

Joyce said she had no serious problem with the foods. While lunch was usually a cold sandwich eaten while moving during the day, dinner was a hot meal prepared after the evening's campsite had been prepared.

Often the evening meal contained rice, chicken, fish or goat meat. "Curry goat was a popular dish in Jamaica," Joyce stated. "The goat is much like pork in appearance but tastes more like lamb and has many small bones in it to be removed as you eat it." "Another dish that was popular was rice and a red pea served together with a spicy taste," she recalled.

Although the local, fresh water proved to be no problem, the change in climate, energy output, and food created some problems for the team members. Group support and personal encouragement were an inspirational factor to the students who learned the value of helping others.

While devotions were held each evening in a group setting, each morning there was time set aside for personal quiet time and devotions. Joyce explained that this quiet, solitary time was extremely important. "When you are surrounded all day, day after day with other people, working closely side by side, you have to have some time to be by yourself." "It was good to be by yourself a little each day," she said.

(Turn to Page 91)



Joyce had to barter for her hand-crafted Jamaican souvenirs. She holds a handmade purse and bag.

Ida's Notebook

Ida Risser



This year many people will be planting a "new" pea called the Sugar Snap pea. Supposedly it was developed in Idaho and is the discovery of the century according to the seed catalogues.

What upsets me about this big promotion of a "new" vegetable is the fact that I do not agree that it is a "new"

vegetable. You see, it exactly fits the description of a tall, thick podded, slightly curved pea which our family has grown for over forty years. The original seed was given to my mother-in-law by a former county agent, and over all these years we have saved our own seed. Some people will be sur-

prised and ill-prepared for the four to six foot heavy stalks. I have purchased several rolls of high poultry netting to support these peas and then I plant them in double rows.

One nice feature of this pea is the fact that after bearing a heavy crop, they will bloom again and give a second crop in July almost as large as the first. Each year I sell them by the bushel and I find that most customers are quite enthusiastic about them but some prefer the regular flat type.

The four long rows of strawberries seem to have withstood the Winter fine under their bed of straw. Even the parsley and the parsnips are growing as though there had been no snow covering them just last month.

The artichokes have

Farm Woman Societies

Berks Co. Society 6

Berks County Farm Women Society 6 met at the

spread to a larger area than I like and so anyone who would like to start a bed is welcome to some of mine. Another plant that has outgrown its welcome in my garden is the lemon balm tea. It will have to be dug up and destroyed unless someone else can use it. So, here's to another season of backbreaking work and full freezers.

home of Mrs. Earl Mensch, Boyertown, with 21 members attending.

The ladies toured WEEU Radio Station, Maers Bakery and had a smorgasboard dinner at the Abe Lincoln Hotel on March 19.

Plans were also made to attend the anniversary celebration for Society 3 at Boyertown on April 24th, and for the Christmas banquet. The ladies voted to have this year's banquet at Charlie's Valley Inn, Reading.

The president announced that April 19 is game nite at Berks Heim. Several of the members are planning to attend. Cancer pads, which the ladies made will also be given to Berks Heim at that time.

The Berks Heim Tea will be held May 9th. Several of the Ladies will be donating cookies for the tea.

Donations were made to several individuals in the community as well as to Music Association at Oley High and the Youth League.

Plans were made for the Society to serve at the refreshment stand on March 31 and April 14.

The next meeting will be held at the home of Bessie Rapp, Oley, on April 17. The program will be home photography.

Lancaster Co. Society 21

Ester Graybill hosted the Lancaster County Farm Women Society 21 at their March 15 meeting. Barbara Long and Jerry Arrowsmith served as co-hostess.

President Lois Aument led the meeting. Sara Stauffer entertained the Society with a talk on rose painting.

Libby Steinberg will host the April meeting in her home. A safety program is planned. Members are to bring along canned goods for C.A.P. and also a white elephant item.

Jamaica

(Continued from Page 90)

Above all else, Joyce said she learned how privileged American citizens are. "The Jamaicans look up to the Americans and America as if it is a dreamland and if they could come here they would be rich right away," she remarked.

"It was a really good experience to get away and then look at your own culture again and see that we take so many things for granted," Joyce added. "I would advise such an experience for everyone who could do this."

Joyce is the youngest of five children whose parents are Marlin and Gladys Brubaker, Quarryville R2. The Brubakers operate a dairy farm and fertilizer business. Joyce says her future may include either enrollment at Eastern Mennonite College or Volunteer Services.

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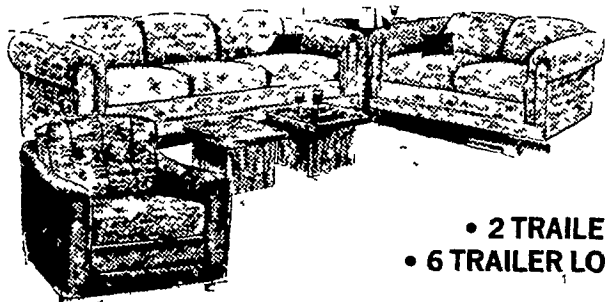
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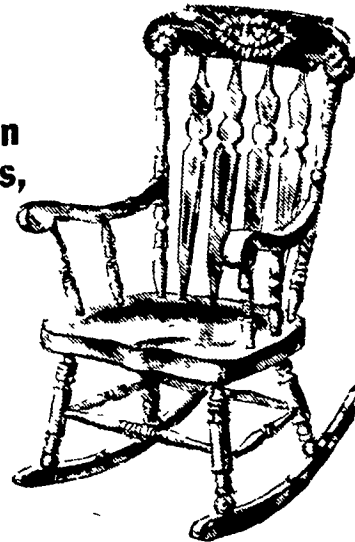
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Farm Women Societies

Lebanon Co. Society 14

Lebanon County Farm Women Society 14 met at the home of Mrs. Elmer Ungemach. Sixteen members were present. A donation was made to the Lebanon County Workshop.

Mrs. Ezra Buchmoyer shared some poems which were written by her husband.

Plans were made for the entertainment meeting next month when Society 14 will host Society 7 and 10 at the United Church of Christ in Campbelltown.

York Co. Society 1

A pork and sauerkraut dinner was served to 25 members and guests of the York County Farm Women Society 1 at their March 21 meeting held at the home of President Pauline Rishel.

Society 1 will entertain Society 17 of Dillsburg and Society 30 of Dover will be entertaining Society 1. Volunteers will help with the York Hospital Fete on May 18 and 19.

A tour of Faith Bible Fellowship Church was held after the meeting.

Ethel Baker will host the next meeting, April 4, in her home.

York Co. Society 7

Mabel Lehman hosted a recent meeting of the York County Farm Women Society 7. Sixteen members were present.

The Society approved donations to the Easter Seals Society, Four Diamond Fund and Contact. Plans were made for entertaining Society 12 on June 13, 6:30 p.m. at the United Church of Christ in Starview.

Eight members plan to attend the Spring Rally on May 16. A bus trip is planned for May 9, to Old Bedford Village, Bedford.

The next meeting will be held at the home of Mrs. Guy Rentzel, Mt. Wolf R1, April 10 at 7 p.m.

York Co. Society 9

Mrs. Glenn Rehmeyer hosted the March 14 meeting of York County Farm Women Society 9.

Mrs. Rehmeyer showed slides of her trip to Holland last summer.

Society 9 will be the guests of Society 28 on April 18 at the Hametown Lutheran Church, with the program to begin at 6:30 p.m.

A committee including Mrs. Edward Shue, Mrs. John Shue, Mrs. Richard Anderson, Sr. and Mrs. Leo Dehoff are in charge of the Society's chicken bar-b-que to be held at West Main Street in Dallastown. The

dinner will be in carry-out style only.

"Easter" is the theme of the April 11 meeting, which will be hosted by Grace Perry of York. Chairwomen for that program are Mrs. Ruth Collins and Mrs. Lamar Lehman.

York Co. Society 26

A Saint Patrick Spring luncheon was held for the March meeting of York County Farm Women Society 26 at the home of Carolyn Bailly, York Haven. Eighteen members and five guests attended.

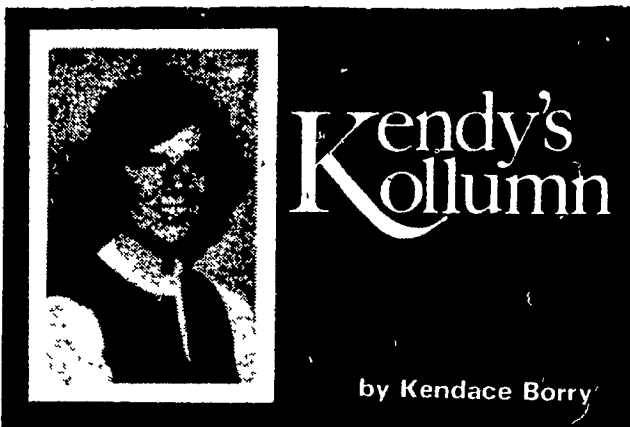
A special safety meeting was held. Mrs. George Fligginger from the American Heart Association, York-Adams County Chapter, presented a program on the heart. Mrs. Marge Glackin of the American Cancer Society talked on breast cancer and examination.

The Society plans to have a class in C.P.O. with the American Heart Association officiating.

Members of Society 26 will do canvassing of the community, in April which is cancer month, to receive donations for the Cancer Society.

On May 8, 11:30 a.m. the Society will celebrate its 13th anniversary at the New Way Restaurant, Shrinestown.

A bus trip is planned to New York City on June 2.



Kendy's Kolumn

by Kendace Borry

One of the few felines allowed to grace the house is my mother's cat Morris. Morris is one of those orphan kittens that started outside with the rest of the crew only to be allowed in, due to his unusual color and markings. He has ruled the house ever since.

An orange marmalade in color, Morris has a unique 'meow' that sounds like a cross between a fire siren and a shrill scream. Believe me, when Morris demands food, Morris gets fed.

But the most unusual aspect of this small-sized tiger is its ability to fit its body into any size container or box which is left lying around. Whether it be a simple paper bag that has temporarily fallen to the floor, or the clothespin container which was set down while the wash was gathered, Morris captures them all.

Waste paper cans that have been emptied, suitcases of guests who carelessly leave them open at the foot of their beds; boxes of supplies that have been placed on the floor while somebody is talking—all have fallen prey to Morris.

I think he feels that if he can get his body into it, then it legally belongs to him. And the only way to get him out is to forcefully remove his body.

Then he stalks regally off, tail straight up with a slight curve at the tip, and searches for another home that he can call squatter's rights in.

Contact person for the trip is Mrs. E. Wayne Beshore, New Cumberland R1.

Mrs. Donald Grogg will host the April 10 meeting at 12:30 p.m. An Easter program is being planned. Summer activities will also be arranged. Society 21 will also be entertained.



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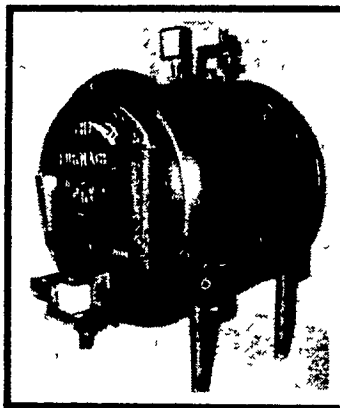
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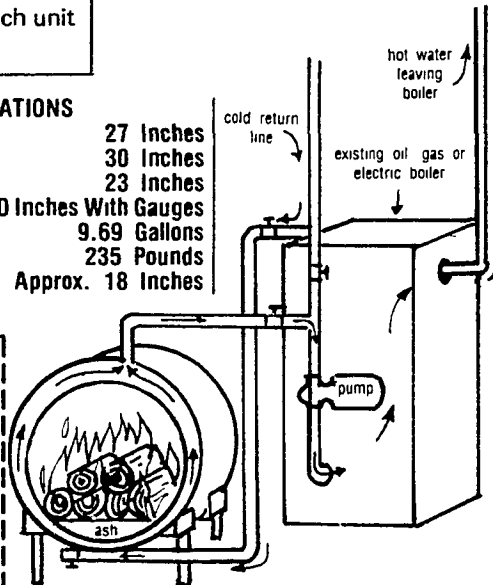
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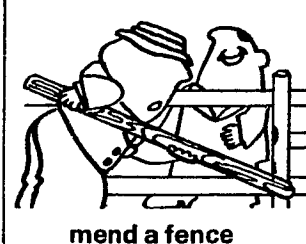
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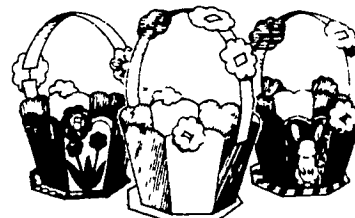
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By Doris Thomas

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TAKE TIME TO MANAGE FINANCES
Income tax time is often a good time to take stock of

your finances. As you see where your money has gone, you might take the advice of most financial advisors and

make plans for where money will go this year and in years to come.

One of the most common money management mistakes is failure to make a workable, financial plan. Any plan must be suited to the people it affects, but common guidelines can be followed:

1. **Begin saving early.** Put a portion of income, regardless of size, away each month. A couple who sets aside as little as \$50.00 a month starting at age 25, at a return of 7 per cent compounded quarterly, will save \$125,000 by age 65.

2. **Draw up a balance**

sheet. List assets, liabilities, and determine a net worth.

3. From this balance sheet, estimate money you will need in the short term and the amount of capital you would like to have 10, 20 or 30 years from now.

4. **Examine life and health insurance coverage.** If both husband and wife are employed, and both incomes are used for living and investment or savings purposes, then both wage earners should be insured. This is especially important if the loss of one spouse would be financially disruptive.

5. **Build up a balance in a**

savings account that is liquid and that will cover emergencies and other planned expenditures — taxes, vacations, unforeseen expenses.

6. **Begin early** to provide for children's educational expenses through savings or investments, not through insurance.

7. **Reexamine your financial plan annually.** Include inflation factors, changes in family needs and realistic estimates of future financial goals.

Successful management of money involves time information and a com-

mitment by all family members. Our complex marketing system offers endless goods services and an increasing inflation rate requires families to take time to clearly define goals and acquire skills in order to have satisfying results.

BEFORE COLD WINDS STOP BLOWING

If winter sneaked up on you before you had your house weatherproofed, now's the time to weatherstrip, caulk, and insulate, while the cold drafts are warm memories.

Extension energy specialists at The Pennsylvania State University say conservation is the best single way to beat inflation. To determine how much savings you can make in energy usage, follow these tips:

*Caulk and weatherstrip doors and windows to save up to 10 per cent or more in annual energy costs. These are easy do-it-yourself projects.

*Install adequate insulation, which can save you as much as 20 to 30 per cent on your utility bill. Insulation needs depend on the heating zone in which you live and the amount of insulation you already have.

Most of Pennsylvania lies in Zone 3; insulation recommended for this area is R-30 for ceilings and R-19 for floors. R-values or numbers are insulation efficiency ratings. As a rule, the higher the R-number, the more effective the insulating capability.

Steps taken now to make your home more nearly air tight can also pay dividends this summer, especially if your home is equipped with either a complete air-conditioning system or a window-mounted air cooler.

Cooler, more dense air will try to find a way out of the house. It's to your advantage to ensure it doesn't. One way is to install screens only on those windows that are opened to provide necessary ventilation. If you have storm windows on other windows, leave them on. This type of energy conservation doesn't affect your oil tank but it will affect your monthly electric bill.

Keep track of all energy conservation expenditures so that you can claim a tax credit on your federal income tax.

If you have questions on energy-saving options for your home, call or write Penn State's Cooperative Extension Service office in your county.



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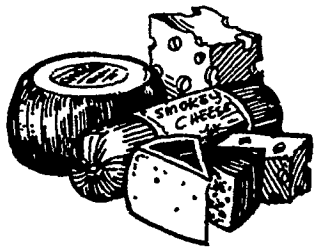
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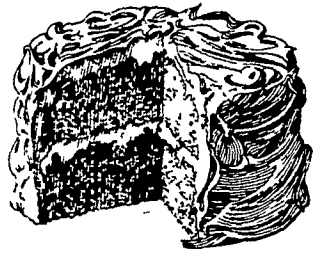
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NEW FABRICS ADDED DAILY





Home on the Range



Innovative casseroles make your meal a 'classic'

"Classic" can hardly describe some of the casseroles featured in today's Home on the Range, but they may very well become one of your family's classic once you try them.

Don't forget to send in your Easter Specialties recipes for next week, and also the cake and frosting recipes, that only you make best.

Recipes should be sent to Home on the Range, Lancaster Farming, Box 366, Lititz, Pa. 17543

DAN'S CASSEROLE

1 pound ground beef
1 onion, minced
2 tablespoons fat
1 teaspoon salt
1/2 teaspoon granulated sugar
2 cups canned tomatoes
2 cups whole corn
4 tablespoons butter
5 tablespoons flour
green/red pepper, sliced

Fry onion in fat. Add ground beef. Brown well. Add tomatoes corn, sugar and salt. Blend flour and butter together until smooth. Drop butter/flour mixture into main mixture. Stir and cook until thickened. Pour into a casserole and top with sliced peppers. Bake at 375°F for 45 minutes. Using a 2 1/2 or 3 quart casserole dish. Serves six.

Daniel S. Horsemann
Lancaster, Pa.

SIX LAYER DINNER

1 pound hamburger
4 medium potatoes, diced
3 medium carrots, diced
3 medium onions diced
1/2 cup uncooked rice
1 pint tomato, or juice

Place hamburger, potatoes, carrots, onions and rice, in order as listed. Salt each layer. Pour tomatoes over all, cover and bake about two hours at 350°F. Makes six servings.

Mrs. J. Clyde Bowman
Myerstown, Pa.

LASAGNE ITALIANO

1 pound ground beef
1/2 cup chopped onion
1 6-ounce can tomato paste
1 1/2 cups water
1 garlic clove, minced
2 teaspoons salt
3/4 teaspoon oregano leaves
1/4 teaspoon pepper
8 ounces lasagne noodles, cooked, drained
1 pound ricotta or cottage cheese
2 6-ounce pkgs. mozzarella cheese slices
1/2 cup (2 ounces) grated parmesan cheese

Brown meat; drain. Add onion; cook until tender. Stir in tomato paste, water and seasonings. Cover: simmer 30 minutes. In 11 3/4 x 7 1/2 inch baking dish, layer half of noodles, meat sauce, ricotta cheese and mozzarella cheese; repeat layers. Sprinkle with parmesan cheese. Bake at 375°, 30 minutes. Let stand 10 minutes before serving. Makes 6 to 8 servings.

Debra L. Cassel
Dauphin County Dairy Princess



When "Delightfully Different Chicken Pie" is waiting in the freezer, no magic is needed to put a

tasty and nutritious dinner on the table in minutes.

DELIGHTFULLY DIFFERENT CHICKEN PIE

1 broiler-fryer chicken, cooked and chopped (2 1/2-3 cups)
4 tablespoons butter
4 ounces fresh mushrooms, sliced
1/4 cup chopped onion
5 tablespoons all-purpose flour
1/2 teaspoon salt
1/4 teaspoon pepper
2 cups chicken broth
1 can (8 ounce) water chestnuts, drained and sliced
1 tablespoon chopped parsley
1/2 cup sliced, stuffed green olives, divided

In large fry pan, melt butter over medium heat. Add mushrooms and onions and saute for about 5 minutes. Stir in flour, salt and pepper and brown for about 2 minutes. Add broth and stir until thickened. Remove from heat and stir in chicken, water chestnuts and parsley. Cool while making Rice Shell.

RICE SHELL

4 tablespoons butter, melted
4 ounces fresh mushrooms, chopped
1/2 teaspoon salt
1/8 teaspoon pepper
2 1/2 cups cooked rice
2 eggs, beaten
1 tablespoon chopped parsley
1/2 cup sliced, stuffed green olives, divided

In large fry pan, melt butter. Add mushrooms, salt and pepper and saute about 5 minutes. Remove from heat and stir in rice, eggs and parsley. Pat into bottom and sides of 10-inch pie pan.

Sprinkle with 1/4 cup sliced green olives. pour in prepared chicken mixture Sprinkle with remaining olives.

Freeze until ready to use in ziploc-type bag. At cooking time, remove from bag, bake in preheated 325°F. oven, covered, for 30 minutes. Remove cover increase heat to 350°F. and bake 45 minutes more, uncovered. Remove from oven and let sit 10 minutes before slicing.

If cooking immediately without freezing, bake 40 minutes at 350°F. Remove from oven and let sit 10 minutes before slicing.

Makes 6 to 8 servings.

BAKED BEANS

1 pint navy beans (soaked overnight)
1 1/2 teaspoon salt
1 1/2 pint tomato juice
3/4 cup brown sugar
1/2 cup chopped onions
few slices bacon or weiners

Soak beans overnight. Cook until soft. Add remaining ingredients. Bake at 350 Degrees F. for one hour. Beans are better if allowed to get cold and then are reheated.

Mrs. Ivan W. Martin
Penn Yan, N.Y.

(Turn to Page 95)

HONEY BROOK MOLASSES

- BAKING MOLASSES • TABLE SYRUP
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**QUICK GINGERBREAD**

2 cups sifted enriched flour
1/3 cup sugar
1 teaspoon salt
1/2 teaspoon soda
1 tsp. double-acting or
1 1/2 tsp. cream of tartar baking powder

1 teaspoon cinnamon
1 1/2 teaspoons ginger
1/2 teaspoon cloves
1/2 cup melted shortening
1 cup H.B. Molasses
1 egg
1/2 cup sour milk
1/4 cup hot water

Heat oven to 350 deg. F. (moderate). Sift together the first eight ingredients. Stir in melted shortening, molasses, egg, and sour milk. Beat in hot water. Bake 45 minutes or until done in a well-greased lightly floured, 9x9x2-inch pan.
YIELD: 9 to 12 servings.

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Recipe Theme Calendar

APRIL

7

Easter Specialties
Deadline March 31

14

Cakes and Frostings
Deadline April 7

21

Early Salads
Deadline April 14

28

Soups and Sauces
Deadline April 21

Home on the Range

(Continued from Page 94)

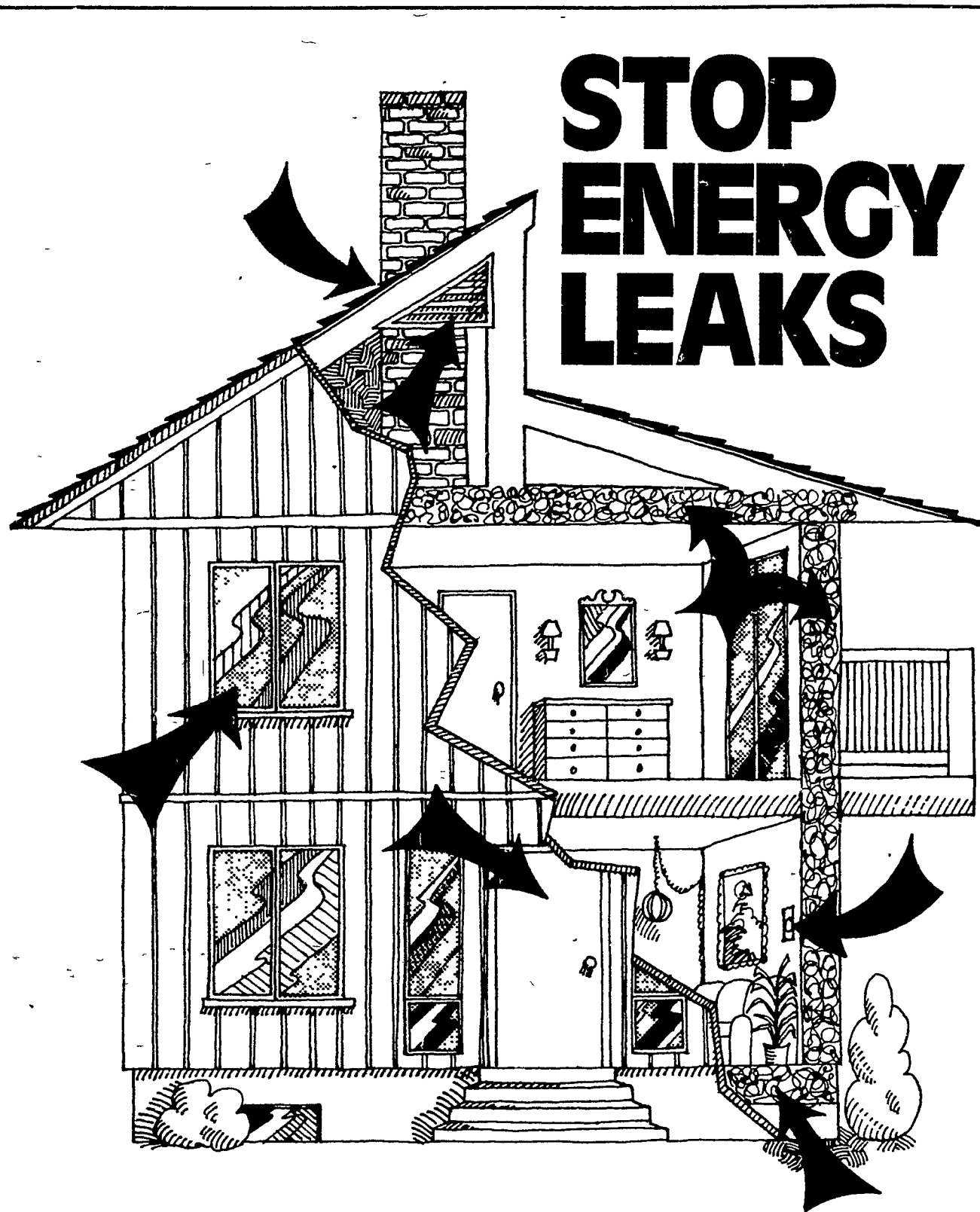
CRUSTY BEEF, CHEESE AND NOODLE CASSEROLE

2 tablespoons vegetable oil
1 onion, chopped
2 pounds ground beef
4 cans (10 1/4 ounces each) meatless mushroom sauce
1 teaspoon salt
1 pound fine noodles, cooked and drained

1 pound sharp Cheddar cheese, grated and shredded seasoned salt

Heat oil; add onion and cook until golden. Add meat and cook until meat loses its red color. Add mushroom sauce and salt; heat. Arrange in casserole half of the noodles, half of sauce and half of cheese. Sprinkle with seasoned salt. Make another layer of noodles; add sauce and top with cheese. Bake at 325 Degrees F. for one hour, top should brown nicely.

Jane S. Ferguson
Kirkwood, Pa.



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Lancaster Farming, Saturday, March 31, 1979-95

CARROT CASSEROLE

1 pound carrots
8 cups cubed bread
1/2 cup diced onion
1 cup celery
2 teaspoons salt
1 teaspoon dried parsley
3/4 cup melted margarine
2 eggs

Peel carrots, dice and cook in water until very soft. Drain and mash with a fork until fine. Mix bread, onion, parsley, celery, salt and margarine. Add well beaten egg. Add mashed carrots. Bake in 1 1/2 quart casserole at 350°F for 20 minutes or more. This makes a colorful casserole.

Mrs. Merle Mishler
Holsapple, Pa.

FAMILY'S FAVORITE

2 tablespoons shortening
1 pound hamburger
1 teaspoon salt
dash of pepper
1 teaspoon onion flakes
2 cans tomato sauce (8 ounce cans)
1 package (8 ounces) noodles
1 package (3 ounces) cream cheese
1 cup sour cream
1/2 cup grated cheddar cheese

Brown meat in fat. Add onion flakes, salt, pepper and tomato sauce. Cover and cook slowly for 15 to 20 minutes. Cook noodles and mix sour cream and cream cheese. Pour layers of noodles (about 1/3) in bottom of greased casserole. Spread with 1/3 sour cream-cream cheese mixture. Cover with 1/3 meat mixture. Repeat layers twice. Sprinkle with cheese. Bake 20 minutes or until bubbly in a 350°F oven.

Alice Harris
Milan, Pa.

CHICKEN CASSEROLE

1 large fryer (about 3 pounds) cut up
1/2 milk
1/4 cup flour
7 tablespoons butter
salt and pepper
1/2 pound fresh mushrooms, sliced
2 cups sour cream
paprika

Dip chicken pieces into milk, then roll in flour. Brown on all sides in hot butter. Put chicken in a 3 quart casserole and sprinkle with salt and pepper. Next brown mushrooms lightly in butter remaining from chicken. Place mushrooms on top of chicken and season. Cover and bake in 350°F oven for one hour, or until chicken is tender. Next add sour cream seasoned with 1/2 teaspoon salt. Cover and bake until cream is just heated. (about 10 minutes) Sprinkle with paprika to taste. Makes four servings.

Mrs. Eva S. Rubin Nosky
Upper Gwynedd, Pa.

(Turn to Page 97)

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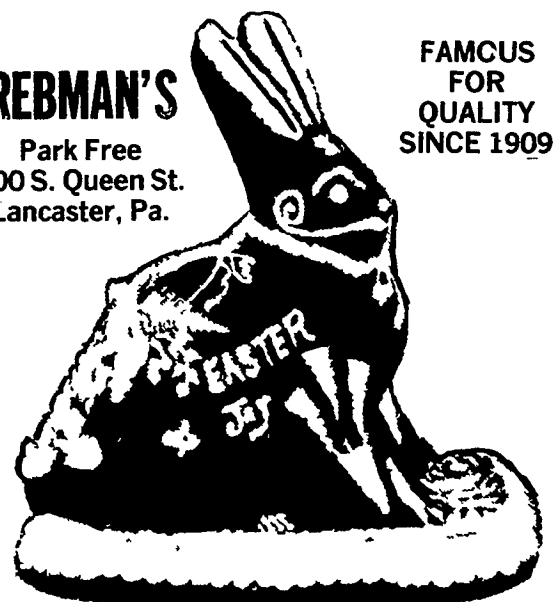
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Junior Cooking Edition

Peanut butter lovers beware: This week's Junior Cooking Edition is full of creative mouth smacking peanut butter recipes.

Start with your own homemade peanut butter and continue from there. Candy, popsicles, salad dressings, and all sorts of kooky peanut butter spreads await you.

Recipe themes for the next few weeks are: April 7, Easter goodies; April 14, custards; April 21, Puckery lemon treats; and April 28, After school snacks.

This cooking column is for junior readers, 21 years and younger. We want to publish your favorite recipes.

Send your complete recipes to Lancaster Farming, Junior Cooking Edition, Box 366, Lititz, Pa. 17543. Include your name, age and address. Recipes should be in our office one week in advance.

A small gift will be sent to you when we publish your recipes. Our way of saying thanks at Lancaster Farming.

PEANUT BUTTER FUDGE

1 package graham crackers
1 1/2 sticks margarine, melted

1 1/4 cup peanut butter
3 cups confectioners' sugar
12 ounces chocolate chips
Crush the crackers to make crumbs. Mix crumbs, margarine and peanut butter.

Add confectioners' sugar. Press mixture into a 9 by 13 inch pan. Melt the chocolate chips and spread on top. Chill slightly.

Renee Haldeman
Age 12
Manheim, Pa.

PEANUT BUTTER EGGS

1 (8 ounce) package cream cheese
1 stick (1/2 cup) butter
1 (10 ounce) jar peanut butter
1 1/2 pound confectioners' sugar
1 (8 ounce) box chocolate squares
1/2 square wax

Mix the cream cheese, butter and peanut butter together. Add confectioners' sugar. Shape like small eggs and dip in combination of melted chocolate and wax. Set on waxed paper to cool.

Eunice Byler
Age 15
Belleville, Pa.

HOMADE PEANUT BUTTER

1 pound shelled and skinned unroasted peanuts
1/4 cup wheat germ
1 tablespoon salt, optional
1 tablespoon tahini (sesame paste)

Preheat oven to 300 °F. Place the peanuts on a well oiled baking sheet and bake, stirring several times, 10 to 15 minutes or until golden brown. Place all but one-quarter cup of the peanuts in an electric blender with the wheat germ, salt and sesame paste. Blend until smooth. Chop the reserve nuts roughly and add to the blended mixture. Yields enough peanut butter for six sandwiches. The peanuts can also be ground without roasting first. Mix the finely ground nuts with enough tahini to make a spreading consistency.

DATE-A-RAISIN PEANUT SPREAD

1/2 cup peanut butter
2 tablespoons lemon juice
1 tablespoon chopped dates, or figs
1 tablespoon raisins
Mix well. Fills three to four sandwiches.

VEGGIE PEANUT SPREAD

1/2 cup peanut butter
3/4 cup grated carrots
2 tablespoons chopped celery
Mix well. Will fill three to four sandwiches.

PEANUT-BANANA POPS

1/4 cup nutty peanut butter
1/4 cup non-fat dry milk solids
1 tablespoon honey
1/3 cup light cream
4 peeled and frozen bananas
1/3 cup chopped peanuts
Place the peanut butter, dry milk, honey and cream in an electric blender and

blend until smooth. Roll the bananas in the peanut mixture, or spread it over them. Roll or sprinkle in chopped peanuts. Freeze. Yields four pops. Before initially freezing the bananas you can stick a popsicle stick in the base.

PEANUT BUTTER AND BANANA BARS

3 eggs, well beaten
1/3 cup peanut butter
1/4 cup molasses
1/2 cup brown rice flour or rice polishings
1/2 cup chopped walnuts or peanuts
1 ripe banana, chopped

1/2 teaspoon cinnamon
1/4 teaspoon salt

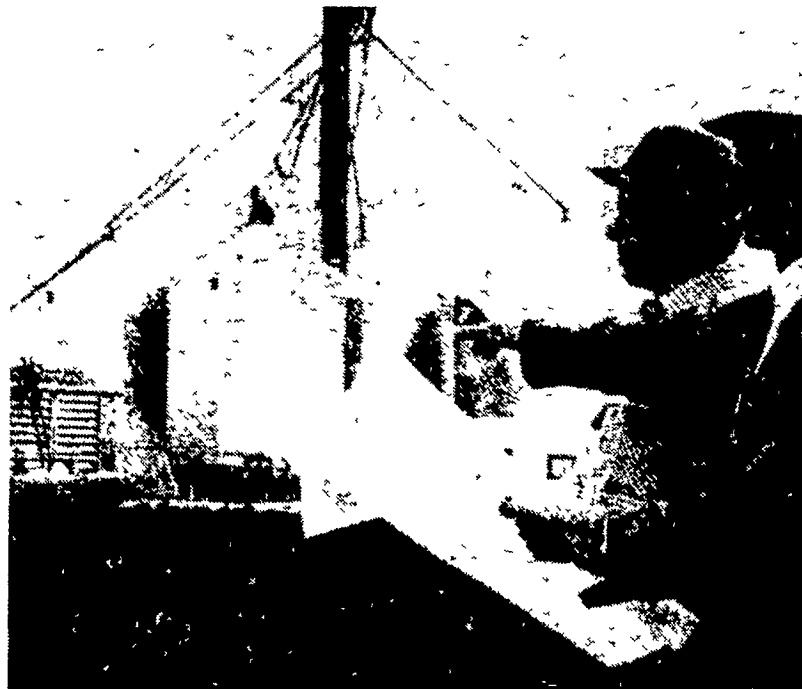
Combine all ingredients and mix well. Turn into a buttered eight-inch square baking pan and bake 15 minutes at 350°F. Cut into bars while still warm. Yields 12 to 18 bars.

PEANUT DRESSING

2 tablespoons peanut butter
1/4 cup water
2 tablespoons lemon juice
Mix the ingredients together with a fork and serve over sliced banana and apple salad. Will yield about 3/4 cup dressing.

(Turn to Page 97)

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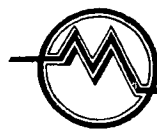


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Home on the Range

(Continued from Page 95)

SHELL CASSEROLE

1 can mushroom soup
1 cup milk
1 cup (1/4 pound) grated cheese
1 1/2 to 2 cups uncooked shells
1/4 pound dried beef or sliced beef cut up
Mix all ingredients and put into a greased casserole dish. Put in the refrigerator over night. Bake at 350°F. for one hour. Don't overbake.

Mrs. Merle Mishler
Hollsapple, Pa.

BROCCOLI CASSEROLE

2 packages frozen broccoli
2 cups cooked rice
1 jar 8 ounce pasteurized cheese spread
1 can cream mushroom soup
3/4 cup chopped celery
3/4 cup onion
1/2 cup butter
Cook rice. Mix cheese into hot rice. Saute onions and celery in butter than mix soup, celery, onions, rice and cheese. Add frozen broccoli (break into pieces). Bake 350 degrees for 1 hour.

Jean Myers
Thurmont, Maryland

ORIENTAL TUNA CASSEROLE

1 cup whipped Salad Dressing
1/3 cup flour
2 cups milk
1 10-ounce package frozen peas, cooked, drained
1 6 1/2 ounce can tuna, drained, flaked
2 tablespoons chopped onion
1 6-ounce can chow mein noodles
Combine salad dressing and flour; gradually add milk. Cook over low heat, stirring constantly, until thickened. Add peas, tuna and onion; mix lightly. Place half of noodles on bottom of 1 1/2 quart casserole: top with tuna mixture and remaining noodles. Bake at 350°F. 25 minutes. Makes 4 to 6 servings.

Debra Cassel
Dauphin County Dairy Princess

CHICKEN-EGGY MACARONI

2 cups chicken, cooked and cut fine
2 cups broth, thickened with 1/4 cup flour
1 cup macaroni, boiled in salt water and drained
1/2 cup cream or thick milk
4 hard boiled eggs, sliced
1/2 cup of any cheese
Mix all ingredients together and put in a baking dish. Spread bread crumbs or crushed potato chips on top and bake 20 to 30 minutes at 325 Degrees F.

Mrs. Dorcas E. Brubaker
Seven Valleys, Pa.

BEEF AND POTATO CASSEROLE

4 cups thinly sliced potatoes
3/4 cup grated cheese
1 medium onion, thinly sliced
1 teaspoon salt
little pepper
1 pound ground beef
1/2 cup sour cream
1/2 cup crushed cracker crumbs
1/4 cup diced onion
1 teaspoon salt
1/2 cup mushroom pieces or 1 can cream of mushroom soup
In a greased baking dish, put the four cups of thinly sliced potatoes, cheese, onion, salt and pepper. Mix together the beef, sour cream, crushed cracker crumbs, diced onion, salt, mushroom pieces or can of mushroom soup. Place on top of potatoes. Bake at 375 Degrees F. for one hour. Serve.

Fannie Esh
Lancaster, Pa.

CORN PUDDING

2 cups drained corn
4 eggs
1/3 cup granulated sugar
1 teaspoon salt
1 tablespoon flour
1 can evaporated milk
1/4 cup melted butter
Mix flour, sugar and salt. Use a fork to add well beaten eggs and then add milk. Combine with corn and butter. Pour into a buttered baking dish and sprinkle with nutmeg. Place in baking dish in a pan of water. Bake at 350 until firm in middle. Bake 1 hour.

Jean Myers
Thurmont, Maryland

Lancaster Farming, Saturday, March 31, 1979-97

BAKED CORN CASSEROLE

1 pint frozen corn
1 tablespoon cornstarch
2 well-beaten eggs
1 tablespoon granulated sugar
1 cup milk
1/2 teaspoon salt
1/4 cup melted butter
Add milk to the sugar and cornstarch. Beat the eggs and combine with salt to the above mixture. Have the corn thawed before adding to the other ingredients. Add butter. Place in a greased baking dish and bake at 350 Degrees F. about 30 minutes or until a silver knife comes out clean.

Mrs. Carl Bacon
Felton, Pa.

CALICO BEAN BAKE CASSEROLE

1 cup chopped onion
1 clove garlic, minced
1/2 cup catsup
2 tablespoons brown sugar
1 teaspoon dry mustard
little salt
1 to 2 tablespoons vinegar
1 pound can of pork and beans in tomato sauce
1 pound can of kidney beans, drained
1 pound can baby lima beans, drained
Cook onion and garlic in 1 tablespoon shortening, until tender. Add catsup and remaining ingredients. Turn into 1 1/2 quart casserole. Bake at 350 Degrees F. for 1 1/2 hours. Serves six.

Mrs. Charles Biehl
Allentown, Pa.

Junior Cooking Edition

(Continued from Page 96)

BACON AND PEANUT BUTTER CANAPES

2 green peppers
2 pimientos
1/2 pound bacon
1/2 loaf bread
1/4 cup butter
1/4 cup peanut butter
Cress
Cut green peppers in halves, lengthwise. Remove seeds and parbroil slightly in water to which is added a pinch of baking soda. Cool and with a truffle cutter, stamp out small stars. Cut the pimientos into stars also. Cook the bacon until crisp. Chop fine. Cut the bread into eighth-inch slices, remove crusts and cut in finger shaped pieces. Toast these on one side only and spread the untoasted side with the peanut butter and butter which has been creamed together and lightly salted. Press the spread side of the bread on the chopped-bacon and enough will adhere to season well. Place the strips on a baking sheet and set in the oven to become very hot. Remove and press a red star

in the center and a green star at the ends of each strip. Serve with a garnish of cress.

COCO-CASHEW PEANUT SPREAD

1/2 cup peanut butter
2 tablespoons
2 tablespoons chopped cashews
1 tablespoon lime juice
2 tablespoons shredded and toasted coconut
Mix well. Spread on bread. Will fill three to four sandwiches.

CHIC PEANUT BUTTER SANDWICH

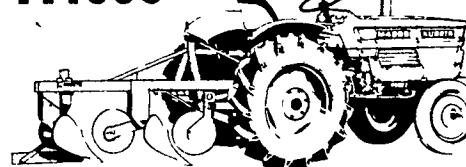
Unhydrogenated raw peanut butter
2 slices rye toast, or whole wheat toast
mayonnaise
thin slices of cucumber and tomato
Spread peanut butter on one slice of the toast and mayonnaise on the other. Put cucumber and tomato slices in between. Close up sandwich and enjoy.

1979 Spring Inflation Fighter

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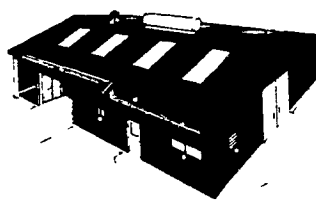
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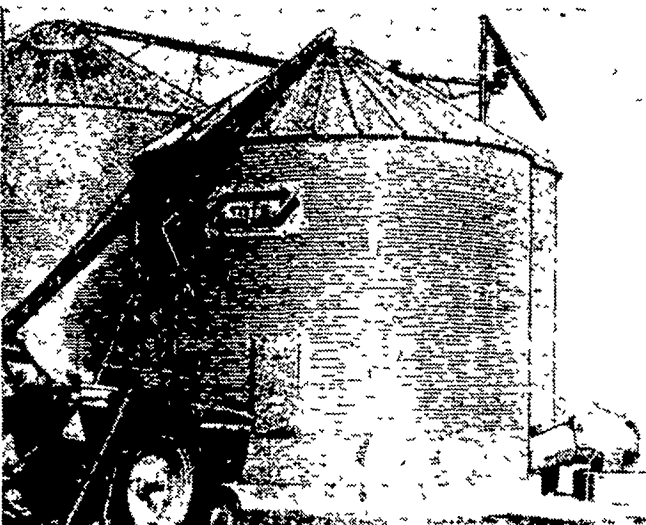
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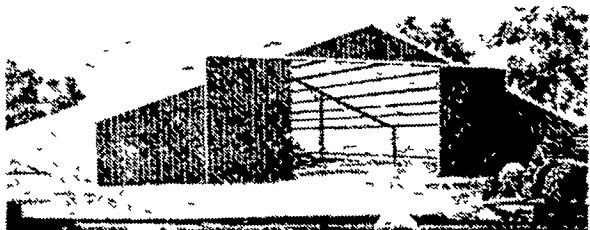
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Cockroaches can't be conquered, only discouraged

NEWARK, Del. — If you took a public opinion poll on the world's least popular bug, the cockroach would probably win — feelers down. This is one creature nobody wants around.

Find a roach in your house and your first reaction (after the initial revulsion) is likely to be a protest: how could this happen? I keep my place clean! Unfortunately that's no guarantee against a roach invasion, though careful sanitation does lower the chance of the pest taking up permanent residence.

University of Delaware Extension entomologist Frank Boys has had lots of calls lately from folks troubled by such invasions. His first words usually are aimed at reassuring the caller that the presence of these fleet-footed scavengers is not necessarily a reflection on his or her housekeeping. Given the way roaches operate, you're likely to find these creatures anywhere, he explains. The trick is to keep them from staying.

The cockroach has been around for a long time — 250

million years at least, judging by fossilized remains that have been found. This unique insect has the ability to survive anywhere man can — from the frigid antarctic to the sweltering tropics. It has even survived atomic blasts and travel into outer space.

Because of this phenomenal adaptability, there's no way to eradicate the cockroach completely, says the entomologist. But once you understand its behavior there are some effective controls you can apply.

The cockroach's flattened, oval body is perfectly engineered for slipping through the tiniest cracks or crevices. Many of us have discovered this to our frustration after an abortive attempt to trap one of these creatures against the woodwork long enough to squash it.

Also characteristic of the roach are its long, spiny legs and even longer, wavy antennae. Its color depends on its age and species — ranging from dark brown to reddish brown and from tan to black.

The female roach lays her eggs in a tiny capsule called an ootheca which resembles a reddish kidney bean and contains from 12 to 36 eggs, depending on the species. Sometimes she glues this capsule to a sheltered surface like the back of a refrigerator or the underside of a lightswitch panel.

From the day they hatch, young roaches look just like a miniature version of their parents. Their appetite and survival skills are also well-developed.

Of the approximately 3500 species of cockroach in the world, four are common in Delaware: the German, American, Oriental and brown-banded. The two that give us the most trouble are the German and the American types. It's not uncommon, though, to find all four species in an apartment complex.

Control measures for the cockroach can be summed up in just one word:

SANITATION. That's the key, says Boys.

Cleanliness in the kitchen is essential. Unwashed dishes and cooking utensils, or leftover food on the counter are open invitations for a serious roach infestation. Promptly clean up all food spills, too. The entomologist even suggests you vacuum even shelves in your kitchen occasionally to remove food crumbs that may collect in cracks there.

Store dry pet food in roach-proof containers away from the kitchen. And wash your pet's feeding dishes daily. Store garbage in tightly covered containers and don't let it accumulate.

Prevention also helps. Seal up all cracks in building foundations and walls, and caulk around air conditioning units. Cover these when not in use.

Paper, cardboard, lumber, and general debris around the yard can provide food and shelter for roaches. So eliminating yard trash

will lessen the chances of their moving in.

Indoors, eliminate all possible hiding and breeding places for the insect. Seal cracks and close up openings around pipes and plumbing fixtures, furnace flues, and electrical outlet.

For a small, localized infestation of cockroaches, your best control — other than preventive sanitation — may be to use an aerosol roach spray. There are several of these on the market.

But if you live in an apartment, Boys suggests you call in the experts when you see signs of this pest.

Trying to treat just one unit merely drives the insects into another. Instead, contact your apartment manager and request an exterminator. Most complexes have pest control contracts for this very reason. You must treat the entire building for effective control. You also need the cooperation of everyone in

the building in the sanitation efforts that will prevent a recurrence of the problem.

Besides sanitation and chemical controls, there's another very simple way to deal with a heavy infestation of roaches — trap them. Here's what to do.

Take a pint jar and smear the inside of the lip with a thin, two-inch-wide band of petroleum jelly. Put bait inside the upright jar and leave this in an area where you've seen roaches. They'll be able to get in, but won't be able to climb back out over the greasy glass. You can catch up to 50 roaches a night in one of these jars.

To catch the American or brown-banded cockroach, put bits of apple or raw potato in the trap as bait. For the German Cockroach, drop in a little fresh banana peel.

In the case of a severe infestation you can place several of the baited jars around a room or an apartment.



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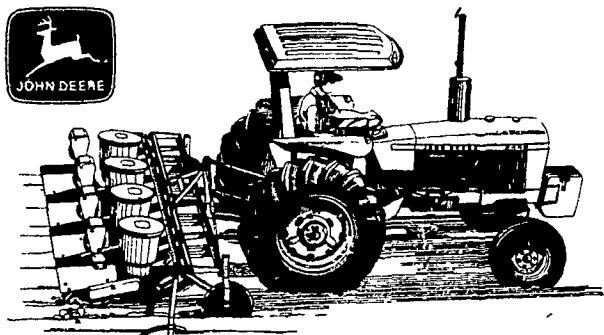
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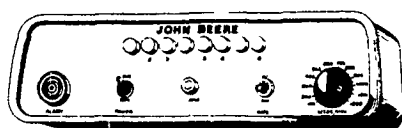
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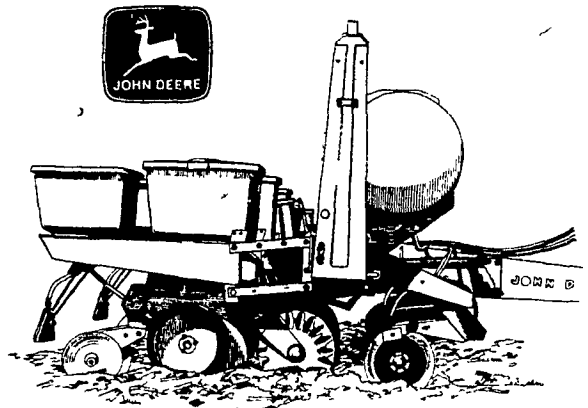
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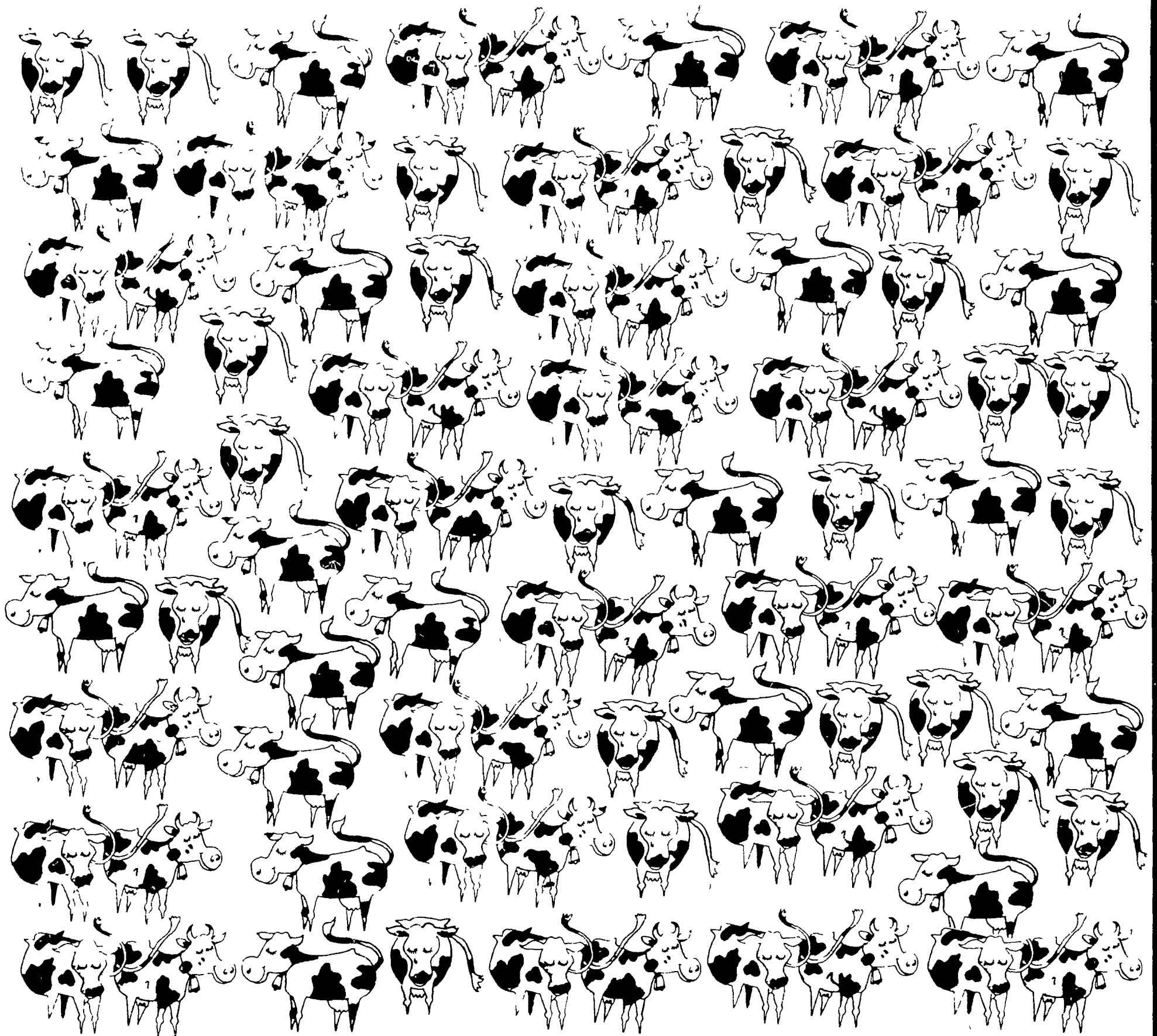
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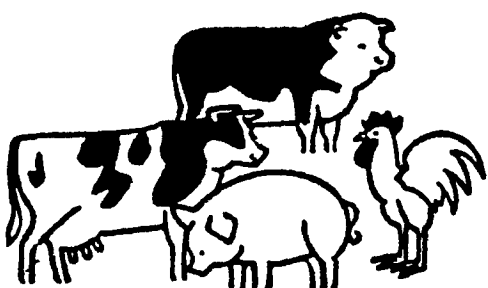
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Women playing more important role in farming

By JERRY WEBB
NEWARK, Del. - Women are playing an increasingly important role in American agriculture. The evidence is everywhere, particularly in the farm press. A rash of stories in farm magazines recently details the role of today's women in today's farming.

Of course farm women were among the very first to be liberated. No one ever held open doors and picked up heavy objects for them down on the farm. From the very beginning of civilization, which is when agriculture began, women have worked right alongside their men doing whatever jobs they could do.

In business and politics it's often been said that behind every successful man is a successful woman. Well, the truism in agriculture is that beside every successful man is a successful woman. From the earliest days of American farming right up to the present, examples are everywhere. Not only have women cared for the kids and the kitchen—the typical

female role—but they've also done the other jobs around the farm, from the traditional light chores, such as hen house care and garden maintenance, right down to bale bucking, cow milking and tractor driving.

There are women who get no more involved in the farming operation than to ask a husband what kind of day he's had and to prepare him a hot meal now and then. And there are those who keep the books, run errands, wait in line at the grain elevator, and in general make themselves useful in less physical ways.

But times are changing and the woman's role in agriculture today often involves a lot more than just being a good helper to a successful farmer. Today, many women actually run farms, make all of the decisions, and do much of the hard work. Certainly some of them have come into agriculture through the death of their mate. A working farm was simply left to them and they had no choice. But others are

getting into farming because they want to farm.

The agricultural colleges around the country abound with women whose goals in life are to operate their own farms. Some won't realize that dream, but they may find other ways of getting into agriculture by becoming herdswomen, farm managers, or partners in already successful farming operations. They'll get

their foot in the door. Then, as time and skill make it possible, they'll become actual farm operators.

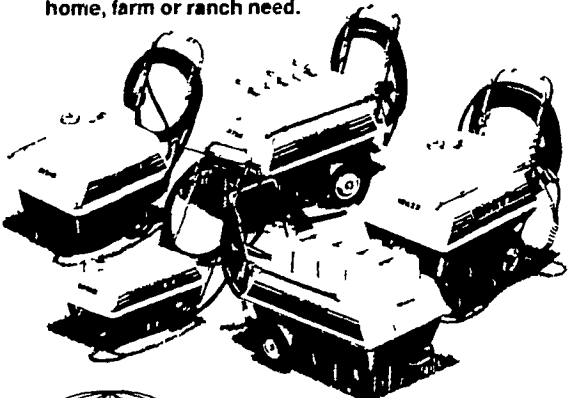
The barriers that used to keep women out of agriculture are breaking down. Hard physical work is gone on many farms. There's no reason why a woman can't push buttons at a feed mixer or operate a

(Turn to Page 102)

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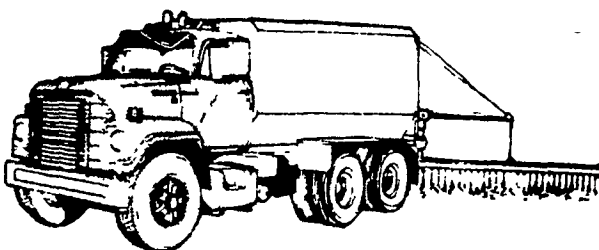
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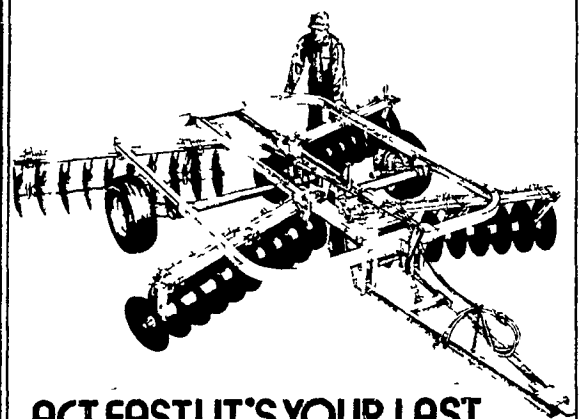
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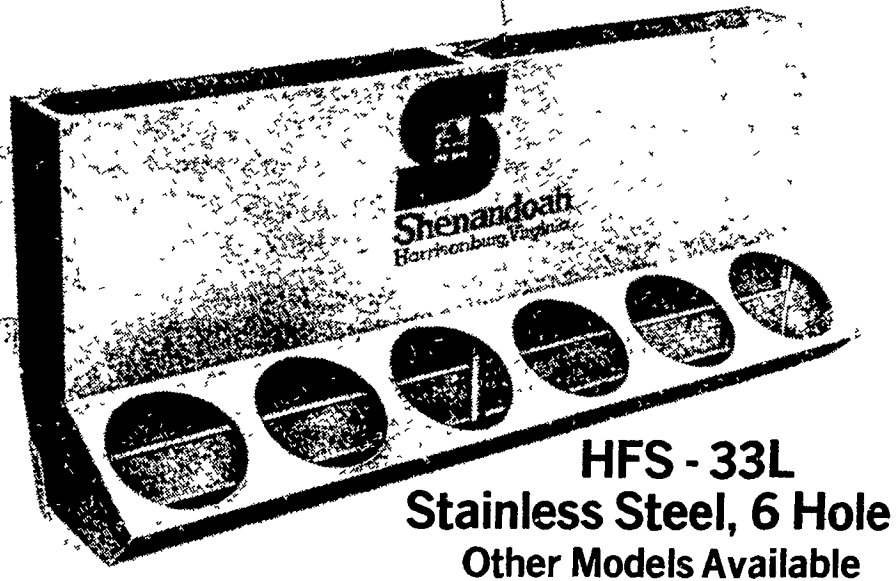
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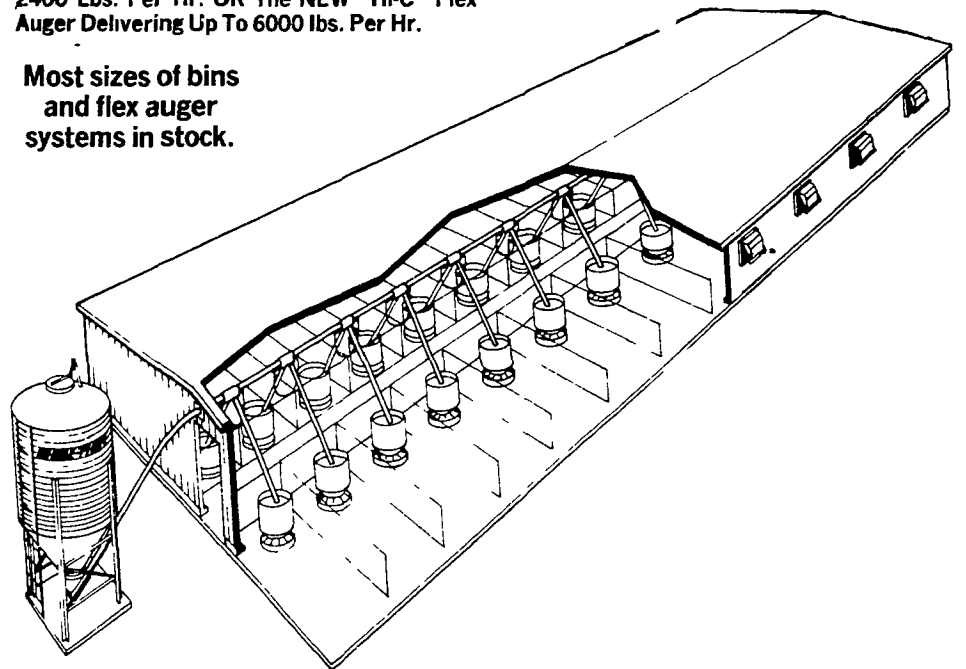
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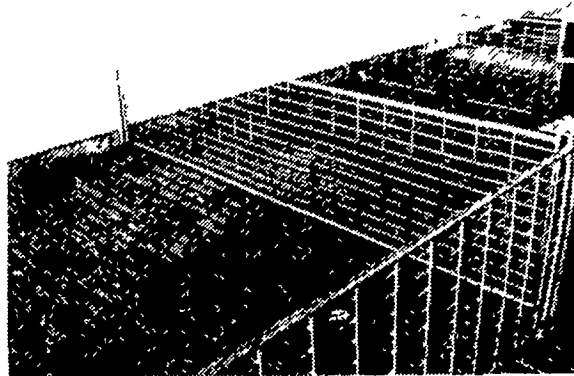


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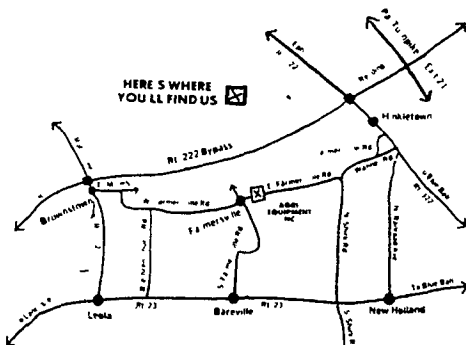


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Women

(Continued from Page 100)

hydraulically controlled tractor as well as a man. There's no particularly savvy about raising livestock or milking cows that is unique to men. In fact, some reports indicate that women are actually better with animals because of their "more even temperament." While that observation may be somewhat suspect, at least women are proving they can handle a job men have long felt was exclusively theirs.

More and more farm families are preparing for the eventuality that the wife may have to take over the farm. Let's face it, the records prove beyond doubt that the farm wife will probably outlive her husband. So somewhere along the line, and perhaps at a fairly early age, she will likely be faced with the decision of whether to sell the farm, turn the day-to-day operation over to someone else, or become a full-time farmer herself.

Farm couples who have given this some thought and have worked with proper legal and financial counselors find the transition much easier. If a couple knows that the wife is going to continue the operation should something happen to her husband, it makes a big difference. It also makes a difference in terms of taxes and other financial considerations. On the other hand, if it's clear that the wife doesn't want to farm and would sell out, then there are other considerations. Even though it's a little grim, it's something

every farm couple should think about.

Here's another possibility that modern farm couples should keep in mind. What happens if the marriage breaks up? Who's to say that it's his farm and she should pack up and go home to mother? If they started out with nothing, as so many young farm couples do, it's probably their farm and she's as much entitled to it as he is. So maybe she should go on farming and he should go home to mother. It's not a pleasant subject to ponder, but the possibility is there. More and more farm couples are getting divorced, as are couples everywhere. The impact on a farm business can be devastating.

I wonder how many farm wives actually get paid for what they do around the farm? Traditionally they work side by side with their husbands on many tasks, and the money accumulates in a bank account. The wife is entitled to spend some for household expenses and a few frivolities, but the husband more or less makes the big decisions about when to buy a new tractor, a new pick-up truck, or another cow. Sometimes the wife is lucky to wind up with her egg money.

There are good reasons for having the wife as well as the farm help on the payroll. It makes sense tax-wise and management-wise. Even if the farmer is the actual manager, he can certainly pay his wife a regular salary for the clerical and other work that she is doing.

Times are changing down

Farm Women Calendar

Today, March 31

Lancaster Co. Society 5 program at Pleasant View Rest Home, 1 p.m. Meeting follows at Emma Ruth Peiffer's.

Lancaster Co. Society 6 meeting, 2 p.m. at Mrs. Harry Shenks. NOTE: date changed.

Tuesday, April 3

Berks Co. Society 23 meeting. Health and safety program; hostess Marie Breneman.

Berks Co. Society 4 meeting at Verna Taylor's, Boyertown R4.

Wednesday, April 4

York Co. Society 1 meeting, 1 p.m. at Ethel Baker's.

on the farm. Women are finding modern agriculture a pleasant and rewarding career. While the urban homemaker is going off to teach school or pound a typewriter, the farm woman is saying "me too" and is taking off her apron to don the coveralls of the modern farmer. She'll do her day's work in the field and be back in time to fix a meal if that's part of the deal. Or she may keep on working while her husband fixes a snack, depending on how liberated she really is. Farm women are discovering that they're not much different from women everywhere. They have needs and wants and dreams and they expect to be more than just a helper around the farm.

Thursday, April 5
Lancaster Co. Society 15 hosted by Society 20, 11:30 at Quarryville Methodist Church.

Lancaster Co. Society 17 progressive luncheon, meet at Buck Diamond.

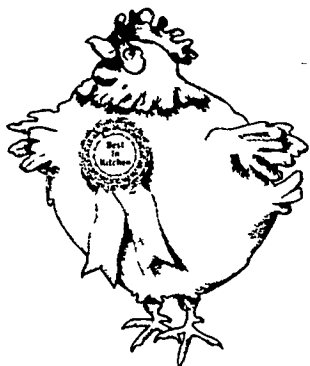
Lancaster Co. Society 20 entertaining Societies 10, 15 and County officers. Covered dish luncheon at Quarryville Methodist Church.

Saturday, April 7

Berks Co. Society 8 ham-on-roll sale

Lancaster Co. Society 19 at Hempfield Brethren Church. Society 9 and County officers to be entertained.

Lancaster Co. Society 10, 1:30 p.m. entertained by Society 20.



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"He sleeps all day when I'm not home and stays up all night to enjoy my company."

York, Berks Co.

Agri-Women organize

YORK — Penn's Agri-Women, a statewide organization of women working toward promoting a better understanding of agriculture, has announced the organizing of two county chapters.

York County will hold their organization meeting on April 17 at the Avalong Dairy Restaurant. Registration begins at 9:30 a.m., with the program to start promptly at 10 a.m. A registry fee of \$5 includes a luncheon.

Reservations to the York meeting are limited, with a deadline of April 7, and may be sent to: Mrs. Harold

Gross, R2, Box 439, Manchester, Pa. 17345.

Berks County will organize on Wednesday, April 4, with a meeting at the Farm Credit Building near Shoemakersville. No reservations are necessary for this afternoon meeting, scheduled to begin with registration at 1 p.m.

Women from neighboring counties are invited to take part in the formation of these local Agri-Women chapters.

Penn's Agri-Women is a non-partisan, action, and education coalition of agriculture groups and individuals.

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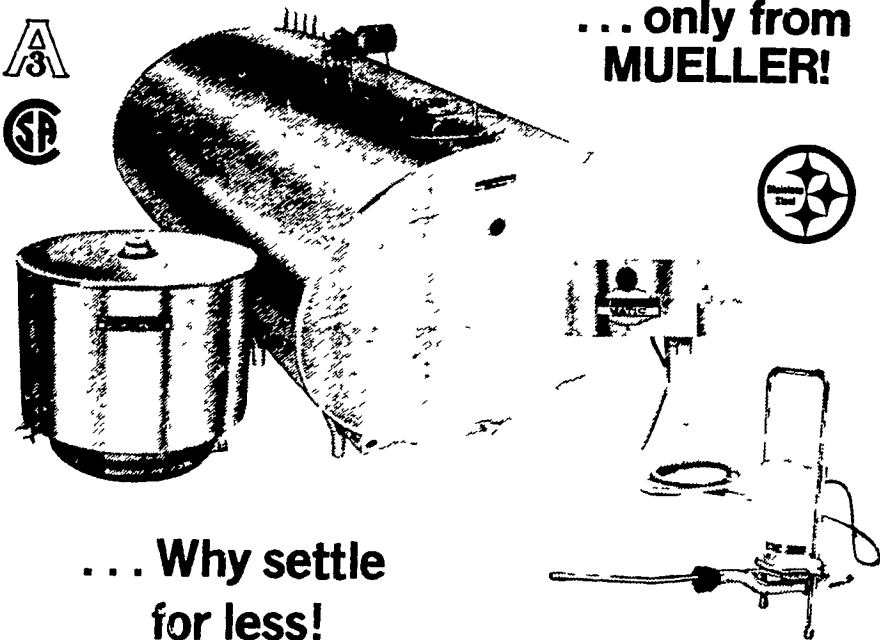
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They are trying to 'keep a little green' in Del.

By JOAN EASLEY
University of Delaware
NEWARK, Del. - Pumpkins for halloween, mistletoe for Christmas and roses for Valentine's Day - favorite holiday symbols, and great fundraisers for one of the most active clubs on the University of Delaware campus, the Horticulture Club.

Students in the club sell these and other growing things to supplement their regular budget from the University of Delaware Coordinating Council. They use most of the money for educational trips to garden spots like Ashland Hollow in Hockessin, the National Arboretum in Washington, D.C., Brooklyn Botanical Gardens and Wavehill Environmental Center in New York, and Morris Arboretum in Philadelphia.

Now the club is striving to raise money for a trip to Virginia for the Williamsburg Garden Symposium, a horticultural extravaganza drawing gardening enthusiasts from all along the Eastern Seaboard.

This gung-ho student group relies on a pair of faculty advisors to keep itself headed in the right direction. If the students should plan to sell two million chrysanthemums on a Fall day, for instance, plant science professors Charles W. Dunham and David R. Frey might gently suggest a more realistic number. But there's no dampening the club's enthusiasm.

Says Horticulture Club member Jeff Pyle, "You could call us the busiest and most adventurous student group on campus. We know we can't get our entire education stuck in the classroom all day. Hort Club keeps us so busy it ought to be a three-credit course."

Founded by a group of interested students in the Spring of 1977, the Horticulture Club took first prize for its exhibit in the Delaware Flower Show that year. This year's entry, on the theme of urban townhouse gardening, won the club an Award of Appreciation.

At the University's Student Activity Night, the Horticulture Club's booth featured a clinic for suffering houseplants. They'll repeat this well-received feature at Ag Day, that Saturday each Spring when students from all the clubs in Agricultural Hall introduce the state's residents to baby lambs, fresh-churned butter, barbecued chicken, and giant tractors.

As the biggest student club in Agricultural Hall, the Horticulture Club's contribution is particularly ambitious. In addition to the plant clinic, the club will organize a student flower show and conduct a sale of ornamental and vegetable plants. Visitors who stroll through the Clark Garden in front of the building will be able to enjoy more Horticulture Club handiwork. Besides planting some of the bulbs, the students actually built the benches.

The club hopes to build interest in the gardening field by sponsoring such activities as a horticultural photography competition.

But just in case they build up too much interest, the club tries to make sure there will be enough job opportunities to go around. Some of the club's meetings feature speakers who can introduce the group to a variety of garden-related job opportunities, including nursery work, landscape architecture, and even the Japanese art of bonsai.

These students aren't interested only in themselves, however. They've also presented a program and donated plants to the Emily P. Bissell Hospital. They've cleaned up the flower beds at the University's Student Center and put in some new plantings. And twice a year they go with Dr. Dunham to prune and rake around the Homestead, a presently unoccupied University-owned property at Cape Henlopen.

What kinds of students join the Horticulture Club? They're not all plant science majors, points out Dr. Frey, but an interest in greenery surely helps.

President Mark Schneider

attributes his own interest in growing things to a neighbor in Teaneck, N.J. who grew roses for show. Mark started growing his own show roses while still a high school student.

Karen Bidus, the club's treasurer, says she's enjoyed gardening as long as she can remember, but hadn't thought of it as a career possibility until she read about the Department of Plant Science in the University of Delaware catalogue. She liked the fact that the major could lead to good job opportunities that

wouldn't require graduate school.

Club member Betsey Ney chose the field because she's an outdoor person who'd rather have her hands in soil than on a typewriter.

Horticulture is the natural choice for Jeff Pyle. His father has been in the nursery business in Wilmington for years. But Jeff chose the field for his own reasons. He surely speaks for the entire Horticulture Club when he says, "The world is getting covered up by concrete. We're just trying to keep a little green in it."

Women's workshop zeroes in on legal guidelines, estate planning

GETTYSBURG - A legal guide lines workshop for women was held in District IX of the Pennsylvania Farmers' Association on Wednesday, March 21 at the Light House Restaurant in Chambersburg. PFA Legal Service was established in 1976 as the first legal service of its kind for farm families. Richard Denison, Farm Management and Business Analysis Service (FMBAS) supervisor conducted the workshop.

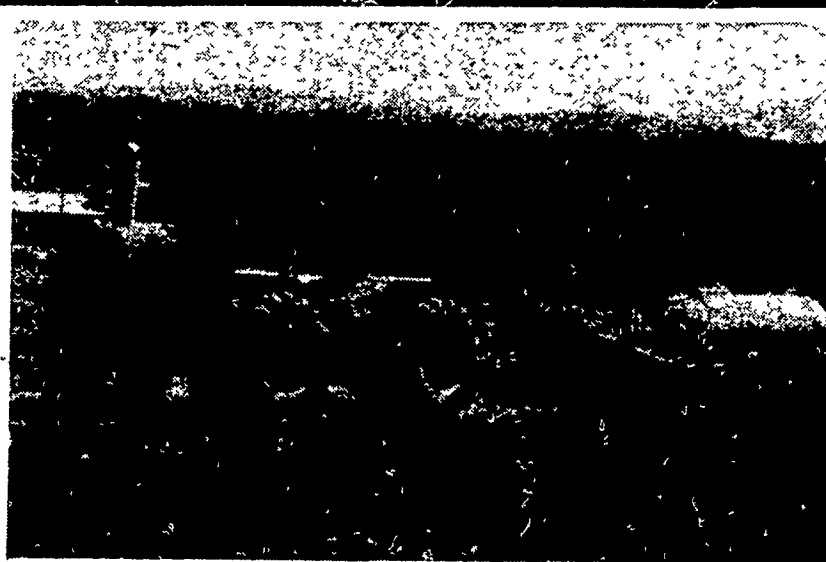
Topics discussed were estate planning, importance of wills, insurance, personal finance, property rights, tax free exchanges, gifts, leases and trusts.

This is a pioneer

educational program for farm wives designed to help the Pennsylvania farm wife learn about her legal rights and opportunities.

The enrollment was limited to 12 ladies from each county in the district. Attending from Adams County were Mrs. Lloyd Benner, Mrs. Cameron Garretson, Mrs. Paul Pitzer, Mrs. C. William Slagle, Mrs. Melvin Durboraw, Mrs. Guy Donaldson, Mrs. Douglas Piper, Mrs. Calvin F. Bream, Mrs. William Wilson, Mrs. Andrew Campbell, Mrs. Glenn Slaybaugh, Jr., Mrs. Horace Waybright, and Mrs. Arthur Musselman, District Women's chairman.

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York County Extension banquet held

By JOYCE BUPP
Staff Correspondent

YORK — The spacious dining room of Avalong Farms Restaurant was filled almost to capacity last Friday night as farmers and friends of agriculture met for the 62nd annual dinner of the York County Extension Service.

Special thanks was extended by county agent John T. Smith to county commissioners Carroll H. Leppo, Robert L. Bowers and William C. McKinley. Through their efforts, funding has been made available to the Extension service to hire a dairy assistant, a position that had been vacant for about a year due to reduced budget appropriations.

Marion Deppen, assistant director of the Penn State Extension Service, noted in his remarks that 1978 had been an especially good year for the county's 4-H program, with numerous state and national awards to their credit.

The Extension representative also presented a certificate of recognition to Carla Shermeyer, who has been secretary to the Extension personnel for 10 years.

"What 4-H Has Meant To Me" was the theme of the program, which featured four award-winning 4-H

members. Each related briefly how the program has changed their lives.

Brenda Werner, Hanover, is president of the baby beef club, a member of winning livestock and meats judging teams, and was named junior stockman of the year at the Eastern National Livestock Exposition.

"My participation in 4-H has probably been the most important influence in my life next to my family," she believes. "Judging activities have taught me teamwork, decision-making abilities and how to deal with success and failure."

Brenda added that her 4-H activities also helped her decide to attend Penn State next Fall to major in the area of food service.

Steve Trostle, Red Lion R3, was named top swine showman this year at the Farm Show and outstanding youth member of the Pork Producers. He's carried 14 different 4-H projects, including the recently formed rabbit club.

"The 4-H program is my crutch," he related, offering it as a far better alternative to falling back on drugs or alcohol, as do many young people.

While scattering his talk with well-appreciated humor, Steve said that 4-H offers what he termed a "3-D" program, focusing on

"desire, determination and dedication."

Brooke Palmer, Shrewsbury, won national recognition for developing and writing a project book on drying foods. She emphasized that 4-H is not strictly limited to farm youth and offers something for everyone.

As a teen leader with the county's handicapped club, Brooke stressed the importance of this branch of the 4-H program.

"I've never seen such levels of enthusiasms in any other club," she remembered.

Wrapping up the presentation was Chris Waltersdorff, York, who was selected the top 4-H public speaker last year at state competition.

(Turn to Page 105)



Eugene Manifold, seated left, is the new president of the York County Extension Service. Other offices are: Naomi Bupp, secretary, and standing, from left, Eugene Kilgore, immediate past president, Rolla Lehman II, first vice-president; and Lester Luckenbaugh, second vice-president.

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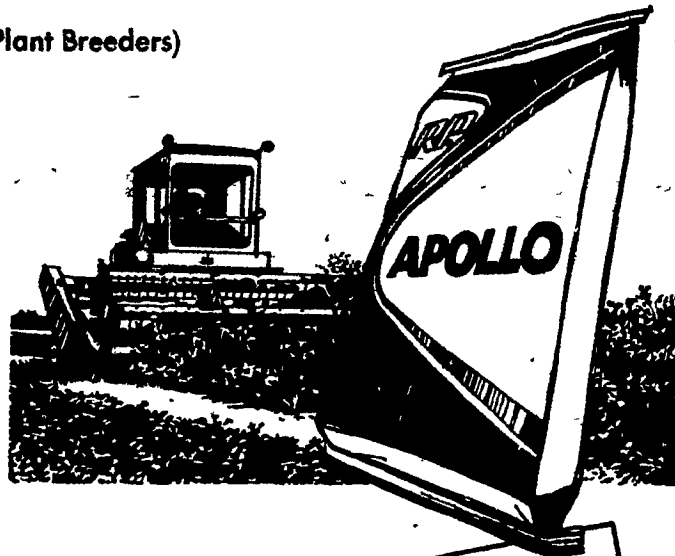
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York County

Ammonia production overflowing

(Continued from Page 104)

"It's impossible to cram the best six years of my life into a 5 minute speech," she lamented. but her winning talk, "I Pledge Myself To 4-H," summed up Chris' feelings about the extension program.

Eugene Manifold, Airville R1, was elected to replace outgoing president Eugene Kilgore, as head of the Extension board.

First vice-president is Rolla Lehman, Dillsburg R3, and Lester Luckenbaugh, Spring Grove, is second vice-president. Mrs. Charles Bupp, Glen Rock R2, is secretary and Lee Poorbaugh, York R3, is treasurer.

CHICAGO, Ill. - About one-fourth of the U.S. ammonia production capacity is now closed because of substantial over-capacity, and an increased volume of imported ammonia at prices, in many cases, lower than U.S. production costs. This is the view of George C. Sweeney, fertilizer specialist and senior staff member with Arthur D. Little, Inc., given here last month before fertilizer representatives at The Fertilizer Institute Annual Meeting.

Approximately 5.3 million tons of ammonia production capacity is now idle out of a 21-million-ton industry total, he said. The price of ammonia has been forced well below \$100 per ton f.o.b. at

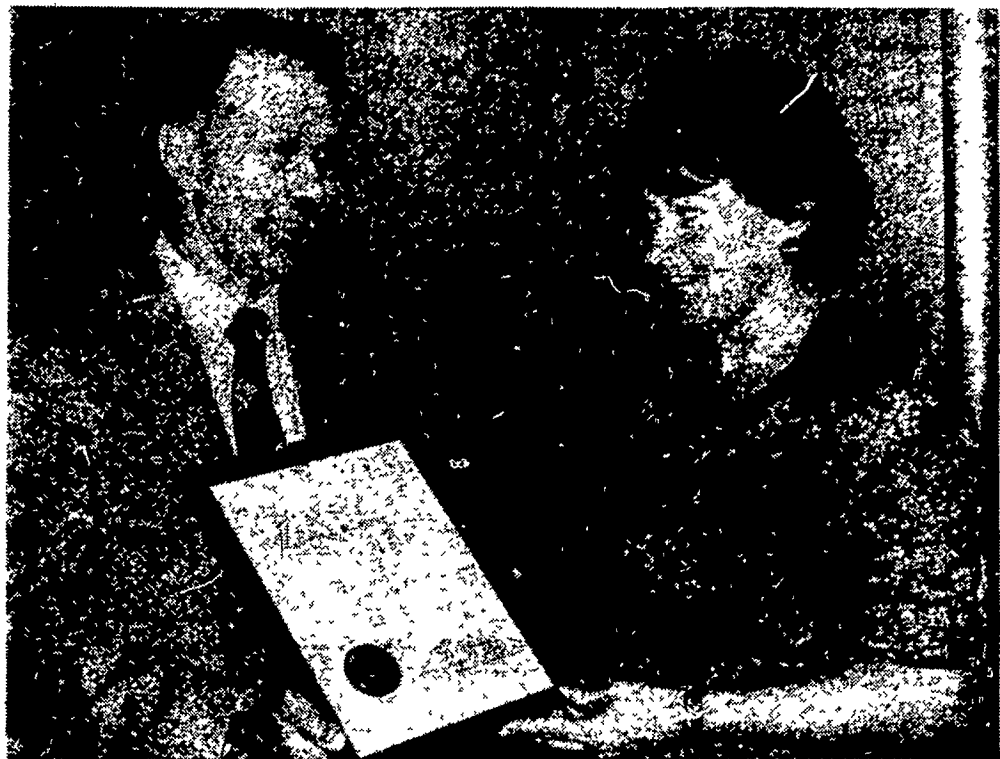
the U.S. Gulf Coast, he noted, because of lower-priced imports. The major pressure comes from the growing shipment of product from Mexico, U.S.S.R., and Trinidad, he said, and added that U.S. governmental action to restrict such imports is unlikely.

Some of the recent ammonia plant closings, the Massachusetts-based analyst admitted, are of smaller, older plants. However, about half of the 5.3-million-ton idled capacity is made up by larger, more recently-built plants. "While the financial pressures to get these larger plants back into operation is strong, the current ammonia price, in many cases, does not even cover the cash cost of U.S. plant operation, where relatively high-priced natural gas has been contracted."

Sweeney concluded that, "barring unexpectedly strong demand growth for nitrogen products over the next two to three years, the current depressed condition of the ammonia industry is likely to continue."



Four outstanding representatives of the 4-H program were the speakers for York's Extension annual meeting. From left are: Brenda Werner, Chris Waltersdorff, Brooke Palmer and Steve Trostle.



York Extension office secretary Carla Shermeyer was recognized for 10 years of service during the dinner program. Making the presentation was Marion Deppen, assistant director of the Penn State extension service.

Twin Valley FFA members win state contest

ELVERSON - The Twin Valley FFA was recently informed that its 1978 scrapbook was awarded fourth place and a gold medal in the Pennsylvania FFA Scrapbook Contest held recently at the Pennsylvania State University. The Twin Valley scrapbook was compiled by Chapter Historian Deborah Kercher of Geigertown.

Each county is permitted to enter one scrapbook in the state contest, which is judged by members of the collegiate FFA Chapter at Penn State. First place in this contest was won by Northern Lebanon FFA, with Somerset County AVTS FFA placing second, and Cedar Crest FFA third. A total of 20 scrapbooks were entered in the Pennsylvania Contest.



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9167 8-20

Fertilizer institute executive warns of energy and transportation shortage

WASHINGTON, D.C. — The president of The Fertilizer Institute warned members of his industry recently that energy costs will continue to drive up the cost of some fertilizer products and that difficulties in rail movement of fertilizer from producers this Spring could approach record proportions as a result of hopper car shortages.

Edwin M. Wheeler, addressing the tenth annual meeting of his association in Chicago said, "I do not see how the U.S. will ever again be a cheap producer of nitrogen." Our farmers and eaters-of-food may as well brace themselves because high energy cost is the way of the future, he added, and noted that these high costs, coupled with the rising cost of imported ammonia, will spell an end to low-cost U.S. ammonia, the basis for nitrogen fertilizers.

Wheeler also urged his

industry to look ahead to continued shortages of rail cars for transport of fertilizer materials. He said that just because fertilizer supplies may be ample at the producer level, availability at the farm or retail level likely will be hampered by lack of rail cars. Producers indicate they are already running 2,000 cars short per week for shipments.

"Our dealers in the Midwest are, in large measure, going to be a very unhappy group come Spring of 1979 simply because they put off ordering material until the last minute."

The industry spokesman said the car shortage is being caused by record volumes of grain moving through U.S. ports. "The same cars we need, the grain industry is also yelling for," Wheeler said.

He said he could see no major rail car relief this fertilizer year and implored the industry to load, move,

unload and return cars as promptly as possible.

Wheeler touched on other areas in his "state of the industry" message, ranging from concerns over rail deregulation proposals and wage and price guidelines to suggestions for retailers on how to foresee, and overcome, potentially high operating costs. He indicated that he felt there is a good chance that mandatory wage and price legislation will be introduced in Congress this year. He added that, if introduced,

such legislation likely will take the same track as occurred in the early 1970's, with the President being given final authority to activate such measures.

Wheeler said, on the whole, he felt that 1979 will be a good year for agriculture and for his industry. The Fall, 1978 fertilizer market was good, farmers are optimistic about prices of farm products, and acreage projections are about on line with a year ago, he noted, in support of his outlook.



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The award, in the amount of \$1,813, was undisputed and was due to a Florida shipper for celery and beans shipped in January 1978.

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Chickies Creek Watershed presents flood options

By JOAN LIESAU
MANHEIM — Various options for flood control were presented March 19, at the Chickies Creek Watershed Association's annual membership meeting. Approximately 40 persons turned out for the latest information on the flood control project.

Some of the alternatives proposed include dams for flood control, dikes, channel enlargement, relocating properties from the flood plain, flood proofing properties, and they may also choose to do nothing. The sponsors of the study and project are the Lancaster County Commissioners, the Lancaster Conservation District, and Manheim Borough. However, the ultimate decision rests with the residents of the watershed area.

According to Ronald Hetrich, a director of the Watershed Association, a planning team began identifying problems and needs back in July, 1978. They evaluated the

resources available, doing physical checking of water levels, erosion, etc. After evaluating their information, the team made a report which includes proposals for dam sites and potential ways of solving the flooding problem in Manheim.

By July of 1979, the team will have evaluated all alternatives. In February, 1980, Hetrich explained, "it is hoped that a plan has been chosen and the people in the area can agree on an approach to take." The team would then take the people's decision to Washington D.C. to the Office of Budget and Finance. It would then be up to the government to make funding available. "They don't fund the whole thing," Hetrich said, the local municipality is responsible for getting the land rights.

On October 20, 1978, an 18 member interdisciplinary team of experts and representatives of the Manheim Borough, Chickies Creek Watershed Association, SCS, and others, worked up 18

alternatives for the flooding situation. They determined high, medium and low priorities, all which would be presented to the people.

Wayne Shenberger, president of the Watershed, presented the high priority suggestions at the meeting.

Proposed as a dam which would give the "greatest amount of flood control for the borough of Manheim," Shenberger described Site 10. This site is located one mile north of the borough where Benjamin Peter resides.

"At the present time, they are core drilling at that location to see if it is geologically feasible," Shenberger stated.

The height of this alternative dam would be 48 feet, requiring 800 acres of land. Shenberger pointed out that the height may vary slightly due to rock structure and how erosive the soil might be. The dam would store 430 acre feet of sediment and 6110 acre feet of flood water. Shenberger added the sediment pool itself "would be 67 acres in size, being

covered with water continuously."

If this type of dam was chosen, it would control 20.9 square miles of drainage area.

Utilities and road systems would have to be relocated with this particular project. It would "come pretty close" to the road. Shenberger said the final survey hasn't been made, and they don't know whether Penn Dot would go along with the proposal.

A dam at site 10 would require the flood plain to be cleared. It is called a "non structural program" where very little has to be built in the way of structure. In the high risk zone (where flood water depths are over three feet) 88 properties would have to be vacated and cleared. Approximately 37 properties would need to be flood proofed, in a lower risk area. Shenberger clarified low risk properties. A low risk property would be affected by less than three feet of water. Homes would be flood proofed by reinforcing walls, constructing dikes and

levies around the properties, etc.

Hetrich maintained that they were "basically interested in protecting against a flood the size of Agnes". Agnes was considered a 100 year flood. He continued that "you have to go to the 100 year flood protection for funding" adding that SCS won't build a dam to anything less at Site 10.

Another alternative was to build many small dams. This idea was not highly favored because there are not enough places to put many smaller dams. Although not a high priority, a water way through the town was another proposal. Shenberger said that a concrete rectangular channel was suggested up stream from Doe Run. The channel would be 90 feet by six feet. Down stream, the channel would be 125 feet by six feet. If the channel were earthen, up stream the dimensions would be 175 feet by six and a half feet, and down stream the width would expand to 250 feet. It was said that the underground sewer line was placed deep enough that it would not cause a problem. There would be more residence in Manheim to be moved, then with flood control measures at site ten.

The federal government would pay for buildings and the relocating of the people, but the local sponsors would have to buy the land, which is also the case for most of the proposals. The stream through Manheim where the channel was proposed is considered prime fishing habitat. A channel would ruin this fishing ground through Manheim, another decision the people would have to make. A multi purpose dam was suggested in Site 12, upstream from Site 10. The Lancaster County Planning Commission had the most interest in this recreational/flood control idea. A much larger permanent pool of water would be needed to provide the same amount of flood protection, however.

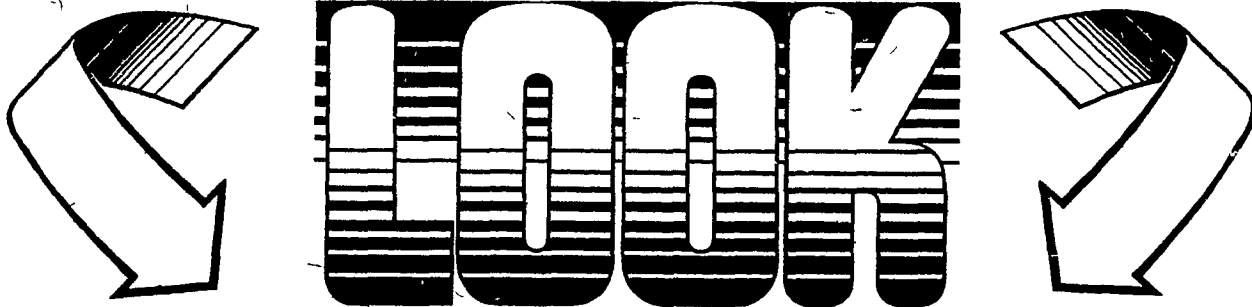
"If none of the plans are feasible, or it would cost too much" Shenberger main-

tained the people could decide to do nothing, alternative 18. Another factor which may influence the project is the Muhlenberg bog turtle. The prime habitat of this turtle, which is on Pennsylvania's endangered species list, is thought to be living in the proposed flood areas, particularly in the vicinity of the White Oak dam. If the bog turtle is found to be living in these areas, nothing can be done to disturb their habitat. According to Jim Mays of the U.S. Soil Conservation Service, the bog turtle has been removed from the federal list of endangered species, but still remains on Pennsylvania's list.

As far as a final decision, Shenberger stated that "up to the present time, we haven't made any decisions. Any decision by this organization (CCWSA) reflects the members. Chickies Creek Watershed Association needs lots of members to make it effective" he emphasized. As he encouraged people to join the Association, Shenberger said "the organization representing the people has far more impact than as an individual effort. I would say the way to exert the maximum amount of input is to join this organization."

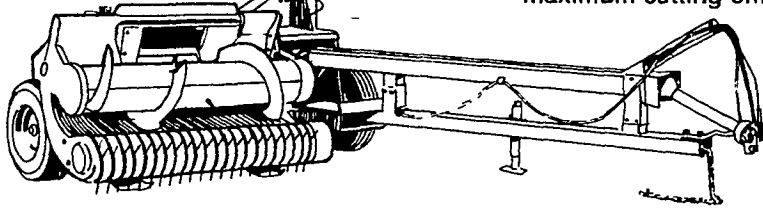
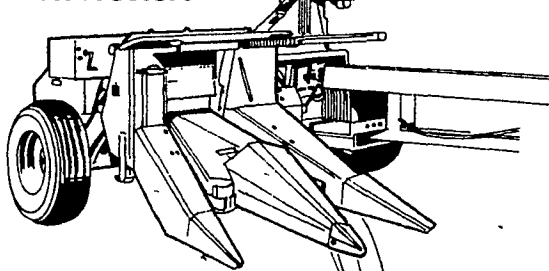
The CCWSA also held election of directors to serve for a three year term. John Myer was elected from Manheim Borough; Edna Roberts, North Rapho Township; Mark Nestleroth re-elected from Penn Township; Preston Newcomer, re-elected from West Hempfield Township; and serving the Lebanon-Elizabethtown area is Robert Nunemacher. Members at large include Jack Uibel of Penn Township and J. Nissley from White Oak. There are still director vacancies in the Lebanon area, south Rapho Township and East Hempfield Township.

The next directors meeting will be on April 16. This is an open meeting and anyone interested is invited. For more information about the Association contact Wayne Shenberger, RD# Manheim, Pa. 17545.



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LIFE on the farm

By Dieter Krieg, Editor

This weekend marks the fifth anniversary since I traded my pitchfork in for a pen. Although I still feel very close to the farm, I haven't worked on one full-time since March 30, 1974.

I remember the phone call that brought about the change as vividly as though it happened yesterday. It was a sunny afternoon in January. The herd of some 60 Holsteins had just been fed and milking time wasn't far away.

"This is J.E. Holtzinger of the Altoona Mirror," the man at the other end of the line said, without explaining his call any further.

I was confused. As a matter of fact, I didn't catch the man's name when he first introduced himself and I only vaguely recalled that the Altoona Mirror was a newspaper in central Pennsylvania.

Mr. Holtzinger rambled on, apparently figuring that I was following the conversation with full understanding. Actually, I was sinking deeper into confusion. "Why is this man calling me," I wondered.

Meanwhile, the elderly gentleman touched on farm pages, editing, the dairy business, Penn State, and the Pennsylvania Newspaper Publishers Association.

That's it!

My mind finally clicked. Now I was on track with his conversation.

The Pennsylvania Newspaper Publishers Association—that was the clue.

I remembered that some many weeks ago I had written to the PNPA that I was interested in writing stories about farming. They had sent me a form to fill out, and I felt like an idiot sending it back. My entire background was in dairy farming. All they wanted to know about was journalism schooling and experience. On that score, I came up with a bunch of zeroes, except for a couple of free-lance stories sent to Lancaster Farming in late 1973. But I sent the silly thing back anyway.

J.E. Holtzinger was responding to that virtually blank piece of paper. That's why he was talking to me on the phone that sunny January afternoon! He was publisher of the Altoona Mirror and Pennsylvania

Mirror. To my near disbelief, he was wanting to meet with me about becoming farm editor of the Pennsylvania Mirror, the innovative daily morning newspaper for State College and surrounding areas.

I stood there by the phone, with my dirty barn clothes smelling like manure, corn silage, and hay. If Mr. Holtzinger could have seen me while he was chatting along, he might have sooner hired me to work on one of his dairy farms, rather than a news room.

As it turned out, our mutual interests in dairy farming and writing were the keys that opened a new door for me. A personal interview followed. We talked more about cows than anything else. Some 10 weeks later on April Fool's Day, I was on the job, crisscrossing central Pennsylvania in search of farm stories and related advertising potential. My new job became an education in itself in more ways than one. I worked with very talented fellow employees and sophisticated printing equipment. I met some very successful farmers and agribusinessmen. I made a lot of new friends.

Happy as I was at the Pennsylvania Mirror, it wasn't to last.

Other opportunities began to knock. And so, 15 months after that phone conversation in a Lancaster County dairy barn, I again packed my things, bid a fond farewell to the Pennsylvania Mirror, and accepted the editor's chair at Lancaster Farming.

But I'm still a farmer at heart, and proud of it. Life on the farm continues.



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Raw milk dealers meet

WILLOW GROVE — Members of the Pennsylvania Raw Milk Producer Distributor Association met here earlier this month, deciding to make decals using the association emblem.

All of the officers were re-elected. They are: Joseph Stump, York, president; Paul Daniels, Pineville, vice president, Mrs. Joseph

Stump, secretary; and Warren Lentz, Lebanon, treasurer.

Additionally it was noted that the new raw milk leaflet being compiled for members will be available for distribution to the public.

Deputy Secretary of Agriculture J. Luther Snyder was guest speaker for the meeting.

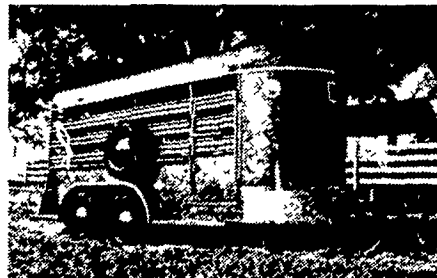


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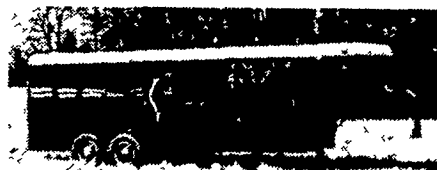
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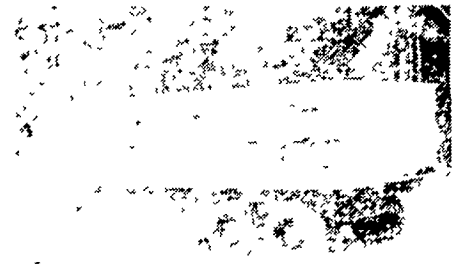
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Penn State Dairymen's Club welcoming members

UNIVERSITY PARK — The Penn State Dairymen's Club is welcoming new members. Anyone wishing to join should contact Paul R. Shellenberger, 151 Fairlawn Ave., State College, Pa. 16801. Information is also available from the board of directors. Members are Norman Hooven, Jr., N. Alan Bair, Dr. Howard Thoele, Peter C. Witmer, Darwin G. Braund, and John H. Howard. The Penn State Dairymen's Club was officially organized in May of

1978 when its Constitution and By-Laws were approved by the membership.

The objectives of the club are to support the maintenance, improvement, and development of the several programs of the College of Agriculture of Penn State University and in particular those programs dealing with the dairy cattle industry. Also, the club intends to assist in and support the development of strong, realistic programs in instruction, research and Extension in the field of

dairy production. Furthermore, the Penn State Dairymen's Club wants to develop, improve, and maintain contact and cooperation between faculty, alumni, and students with respect to mutual challenges, opportunities and future plans. Coordinating and soliciting support from individuals, organizations, and agencies that would mutually benefit Penn State and the dairy cattle industry is another objective. Finally, the club wants to develop and

promote appropriate social activities for its members and friends.

Membership is open to all adults (excluding students) who are interested in promoting and supporting the dairy cattle industry and the programs related to the

dairy cattle industry at Penn State.

The board of directors recently approved three payment plans for membership in the club. One year membership is \$3; five years costs \$13, and lifetime \$47. Checks should be made

payable to The Penn State Dairymen's Club.

The 1979 annual meeting will be held in conjunction with the Dairy Exposition at Penn State. Anyone paying his membership prior to the annual meeting will be considered an active member for that year. Dues should be paid before May 5.

Positive hog outlook seen

DES MOINES, Iowa — National Pork Producers President Bill Buller of Brookings, S.D. says he sees

the latest pig crop report as signaling producers of their opportunity to increase pork sales and to turn negatives

into positives within their industry.

Buller, commenting on the figures showing the largest hog inventory in eight years, said last Friday that pork producers should take this opportunity to promote pork now and can regain a greater share of the red meat market in light of current beef prices.

"An increased movement of pork into the market place can actually mean additional economic returns for pork production. And, at the same time, the consumer will benefit because the quality pork and pork products will be there for her to buy at a reasonable price," Buller said.

Buller noted that the NPPC has just kicked off its largest-ever Summer pork promotion program. "Newspaper, magazine and television advertising will be reaching 90 per cent of the consumers within the United States. Point-of-purchase materials have been sent to leading retailers and packers nationwide to assist them in their pork marketing programs." Buller added that NPPC's Lou Lalko, promotions director and Dan Hoffman, NPPC director of organizational development, will be making personal visits within the next two weeks with packers and processors nationwide to assist them with their programs. All these programs, Buller explained, are made possible through the pork producers own voluntary market check-off program.

Highlighting the Summer promotion will be the 1979 Pork Cookout King Finals July 4th in Philadelphia during the city's Freedom Week celebration. This competition will see 22 state contestants vying for the title.

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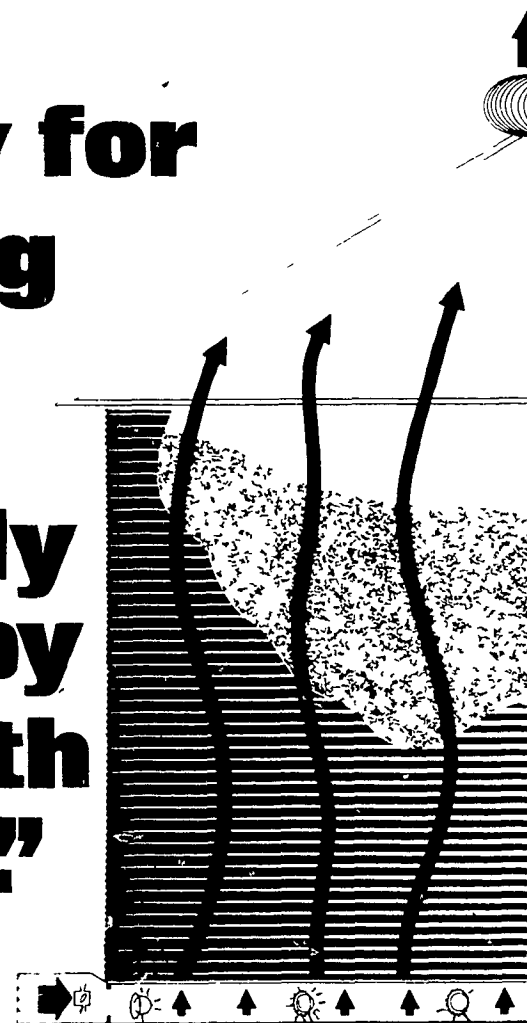
Andy Glick, Oley, Pa.

I used to get my crib corn shelled for feeding my hogs. But since that cost around 8¢ a bushel even before hauling costs, I decided I'd be better off with storage. I went with the Harvestall system and have never regretted it.

I've put as high as 32% moisture corn in my Harvestall bin. I fill to around half full and turn the fans on. In a couple weeks it's down around 25% and then I fill it up the rest of the way. And you know, I've never had moldy corn with the Harvestall.

After I sold my neighbor some Chillcured corn for his hogs, he told me they required less compared to the treated corn they were used to. That tells me they got satisfied quicker with the Harvestall corn.

Another neighbor with a batch dryer looked at my corn and said it looked fresh enough to have just come out of the field. So I'm impressed with the quality corn the Harvestall system gives me. And I get it cured down for less than it used to cost me just for shelling. I've recommended the Harvestall to my friends. I'm really happy with it.



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There's no oil or gas to buy. Natural air carries away heat and moisture as the corn releases it.

Harvestall Chillcuring is a "back-to-basics" system that just simply makes good sense. Find out more about it.

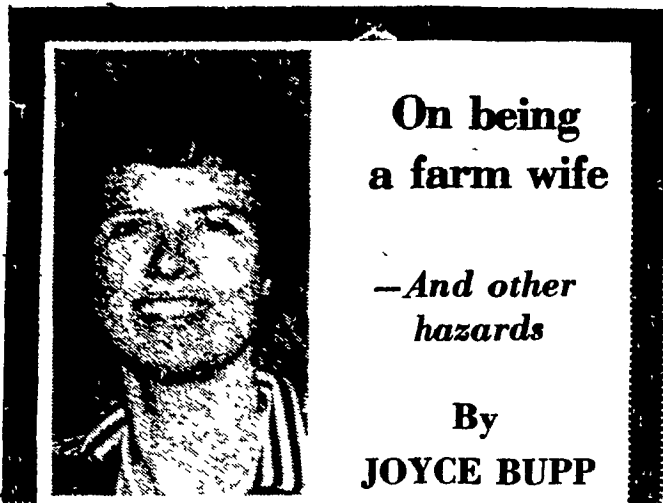


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On being a farm wife

—And other
hazards

By
JOYCE BUPP

Here we are again on the brink of another April Fool's Day.

Across the country tomorrow, we innocents will fall for warnings about untied shoelaces, lost earrings, threads hanging on coats and other assorted little white lies, erased with the magic words, "April Fool!"

We have an April fool who lives with us 365 days of the year. His name is Harry.

Evidence of Harry pops up in every room, and outside in the yard and barns as well. He's a combination troll, wicked witch, magician, elf and pack rat.

Harry loses Richard's toy cars, leaves his bike sitting outside in the rain, and borrows my gardening tools to play in the sand at the sandpile.

When Patty's room looks like a tornado's fond memory, it's Harry's fault. Sometimes, he even forgets

to bring her homework along from school.

It was Harry who put the three-corner tear in the seat of the farmer's brand new jeans and who littered the old pickup with sweat-shirts, styrofoam cups, doughnut boxes and cow sale catalogues.

Sometimes Harry sneaks in behind my back and loses important papers in the perennial desk mess.

Once, he even threw into the trash basket and burned a milk check I was supposed to have put into the bank. It was awfully embarrassing to have to call our Maryland Cooperative office for a new check and explain what Harry had done.

It wouldn't be so bad if Harry would just come around on April 1 to pull his tricks and then disappear on vacation for the rest of the year. Apparently he just feels too much at home with our upside-down family.

ELVERSON — The Berks County FFA Chapters recently held their annual basketball tournament at Twin Valley High School. Each county chapter was permitted to enter two teams—one in the senior

Beam wins award

ELVERSON — Mike Beam, 16 year old son of Mr. and Mrs. Paul Beam of Walnut Street, Honey Brook has been chosen as the 1979 winner of the Meadowood Farm FFA Award. This cash award is presented annually to a Twin Valley FFA member in 9th or 10th grade to help establish a productive project.

Eight members submitted applications, outlining how they would use the money. Mike plans on establishing a laying hen project.

The award was made by Mr. and Mrs. Frank Houck of Elverson R2, and is presented at the annual Twin Valley awards banquet.

So, much as we love Harry, the time has come to share his charms with the rest of the country. I'm sending him along in our annual greetings to the Internal Revenue Service. April Fool on them.

Hamburg, Kutztown FFA win basketball tournament

division (11th and 12th graders) and one in the junior division (9th and 10th graders).

In the junior division, Kutztown's team placed first with wins over each of the other junior teams, each of which won 1 game.

Members of the Kutztown junior team were Billy Zollers, Kim Behm, Gerald Haas, Daniel Adams, Dean Shomaker, Mark Bruno, Ellen Kamp.

In the senior division, Hamburg placed first

beating Twin Valley in a five minute sudden death game, after having previously lost to Twin Valley team in a regulation game. The Hamburg team was composed of Scott Miller, Tom Rentschler, Steve Mengle, Wendy Yoder, Rodney Reichard, Scott Hartman, Donald Berger, and Larry Miccike. Twin Valley's

second place team finished with three wins, Tulpehocken placed third with two wins and Kutztown and Conrad Weiser tied for fourth.

Serving as referees for the games were Carl Horner, physical education department chairman at Twin Valley; Rich Kurtz, Frank Stoltzfus, and Robert Stoltzfus Twin Valley FFA alumni members and Keith Flicker from Kutztown.

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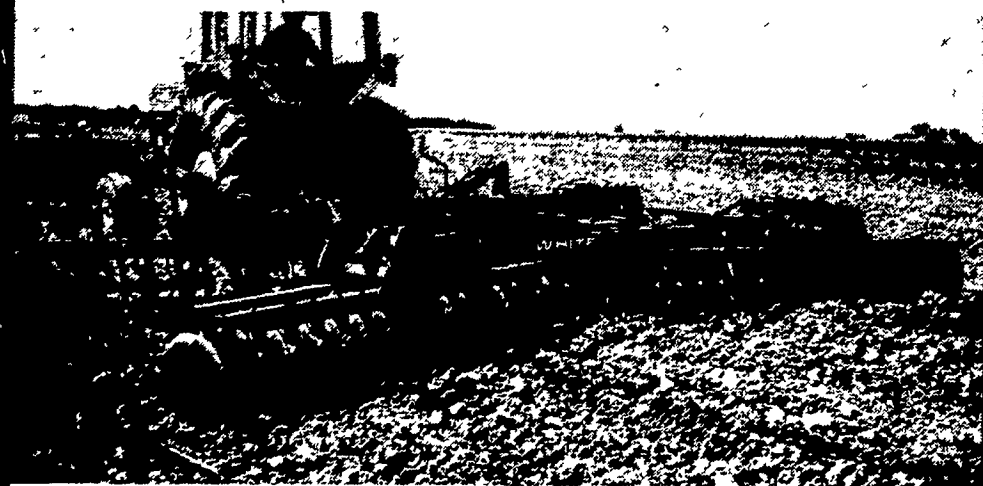
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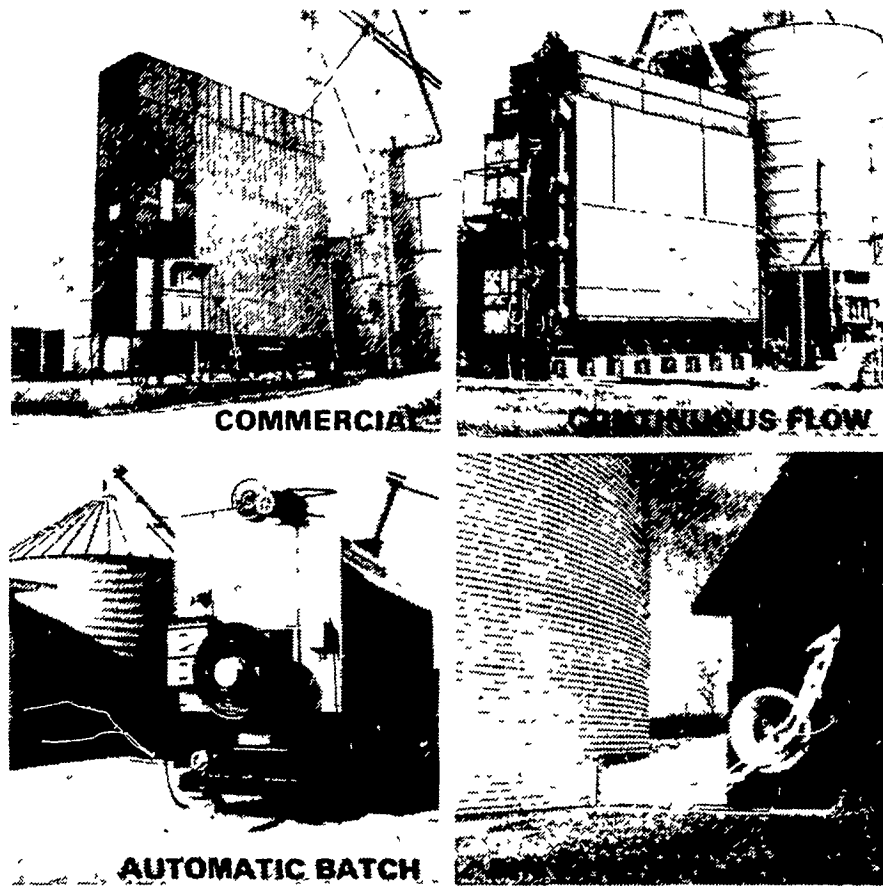
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Why do anything about land use?

LANCASTER — A Lancaster County farmer who devotes much of his time to the goal of preserving farmland is routinely taking his concerns to civic groups, local and state government bodies, as well as farmers.

Speaking in past weeks to the League of Women Voters, The Mount Joy Rotary Club, among others, and most recently in Harrisburg at the Department of Agriculture, Amos Funk of Millersville tells why he believes farmland should be given more protection.

Following is a presentation he gave before a group of several hundred dairymen at Lancaster County Dairy Day, held at the Farm and Home Center earlier this month.

Why do we have to do anything about land use in Lancaster County? There are four reasons I would cite. First: agricultural land is being converted to non-agricultural use at an alarming rate. According to U.S. Census figures,



Amos Funk

more than 41,000 acres of agricultural land in Lancaster County were lost to non-agricultural use between 1964 and 1969, averaging over 8,000 acres per year. Second: Lancaster County has now achieved the dubious distinction of being the fastest developing county in Pennsylvania. Third: The land taken out of production for industrial and urban development is not used very wisely. Again, using U.S. Census figures during the period between 1954-1964, 75 acres of land were taken out of agricultural production for every 100 new people in the county. That was bad enough! During the period from 1964-1974, more than 170 acres were taken out of production for each 100 new people in the County. This represents a 200 per cent increase. In both periods of our County's history, some of the land taken out of production remained open land and undeveloped. However, the trend is disturbing. It is becoming more apparent that the 5-10 acre lot concept that may have discouraged development in the past is no longer effective in preserving agricultural land. Quite likely it may work in reverse.

The fourth reason we should do something about the loss of agricultural land to non-agricultural use is the fact in Lancaster County our land and our people are so special. In our County, 76 per cent of the land we farm is Class I, II and III land, compared to 38 per cent which is the average for the State. Over 50 per cent of the agricultural production in the County is produced on farms operated by Mennonite, Amish and Brethren farmers.

According to the most recent Crop Reporting Service Report, Lancaster County produced agricultural crops

and products valued at 385 million dollars. The crop and agricultural product value for the entire state is \$1.86 billion. So it follows that although there are 67 counties in Pennsylvania, Lancaster County produced over 20 per cent of the agricultural crop and products value of the state. When a land use decision is made concerning land located in our county, we are considering alternate uses of land that is agriculturally among the most productive in the nation. In addition, and this may become increasingly important as energy costs go higher and irrigation water becomes more scarce, 80 per cent of all the water used in the nation is used for agricultural production. Lancaster County uses less than two per cent of the available water for our agricultural production needs. Remember, we are the leading non-irrigated agricultural county in the nation.

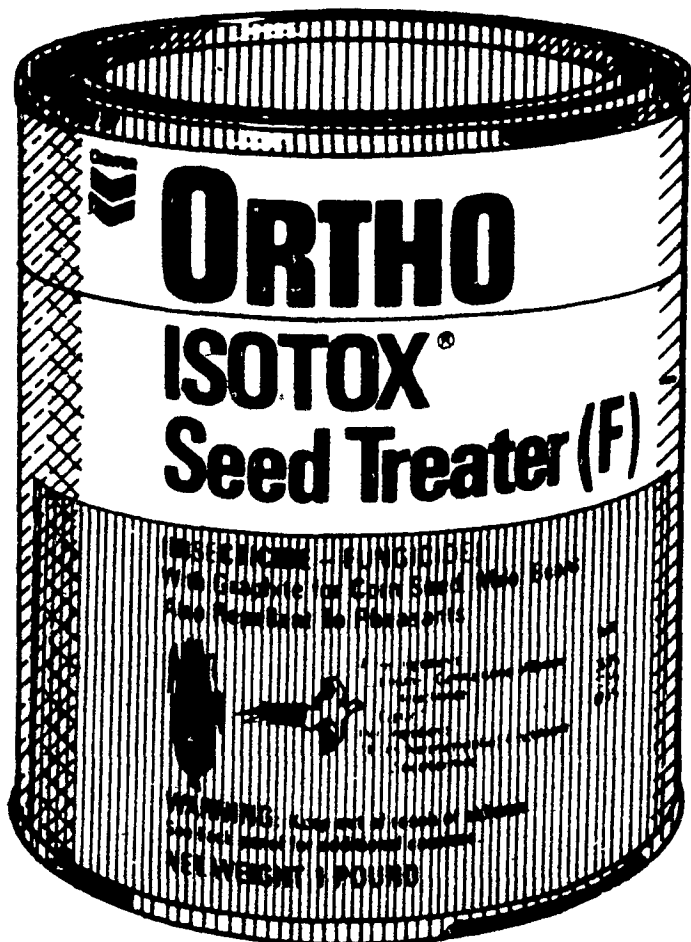
Agricultural zoning has been a tool used to guide growth for some time now. The Agricultural District zoning ordinances already adopted by some townships and the new sample agricultural district zoning ordinances prepared by the County Planning Commission should prove much more effective than earlier ordinances. However, it is generally agreed that agricultural zoning is a short-term tool. There are few, if any, examples in the nation where local zoning has significantly reduced the conversion of prime farmland to non-farm use over the long haul. Again, let me repeat it is an important first step.

I believe the Deed Restriction program we have been considering the past several months will work in Lancaster and possibly in other counties as well.

Hearings will be held in various geographic areas of the County, not only to explain the program but to allow public comment and questions. It is important for every property owner to know which properties are in or out of the preserve area. Special notification will be sent to each property owner in these preserves, possibly by certified letter.

The County Agricultural Preserve Board to be appointed by the County Commissioners will only get involved

(Turn to Page 112)



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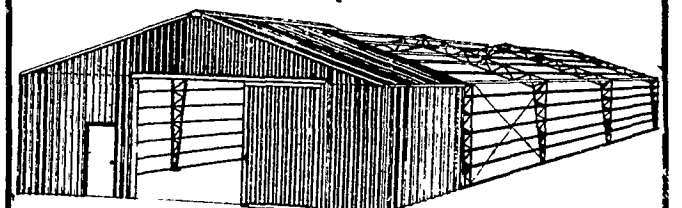
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WHAT'S NEW

SYRACUSE, N.Y. — An English drill being imported into the United States features precision seeding which can handle all of the usual crops, including grains, corn, soybeans, alfalfa, grasses, beans, etc.

Why do anything about land use?

(Continued from Page 111)

ed in a property transaction when the owner of the property plans to dispose of or change the use of the land.

At no time will the Board interfere with the operation of the farm such as, choice of crops, choice of tenant or methods of production.

In all cases, when a property is in a preserve area, notice must be given to the Board by a person planning to sell privately, by public auction, or otherwise transfer property. The Board will have 30 days to get involved or not to get involved in the transaction. In an agricultural preserve area upon a sale of property without a deed restriction, it is important that suitable amendments to Act 442 be enacted to enable the Agricultural Preserve Board after a sale has been concluded at a public or private sale, to take certain actions. The Board needs to have the option to match the sales price for the property.

The seller gets market price for the property. The Board is the buyer for the County. The Board would then resell the property, with an agricultural deed restriction applied, to the most recent owner or to a new buyer no later than 120 days after the Board purchased the property.

Any difference in price, and, it is believed in many areas of the County, this difference may not be great, will be made up by the County from a revolving fund.

The Board is not planning to hold any property longer than 120 days. Lancaster County is not going into the real estate business. This is a voluntary program and does not violate principles of the free enterprise system.

There is no limit to the price a property may be bid to under this program. There quite likely will be a limit the County can pay. The Board acting for the county will lose some farm properties. It is hoped there will not be too many farms lost.

Under the proposed program, a farm property owner could voluntarily place a deed restriction on a property in return for certain cash and/or tax incentives at the local, state and federal level.

This deed restriction program will enable present farm owners to receive market prices for their land and, in the future, reduce to reasonable levels the appreciation of farmland in order that those of our children and our grandchildren who want to farm will not only have land to farm, but will have land to farm not subjected to steeply escalating values as a result of development pressures.

These Lancaster County Agricultural Preserve areas could take the appearance of a green oasis in a desert of development in years to come! I am optimistic about the program. I know it can work! However, we need the support of the County Government, the Farm Community and the public to make it work. We can do it if we try!

The innovative machine is called the Moore uni-drill.

No-Till Farmer magazine featured the drill in its September 1978 issue, reporting that "a number of these imported drills are now being used by U.S. farmers to seed a wide variety of crops."

The manufacturer claims that the uni-drill features precision depth control in sod, stubble and stalks. Weight is transferred manually from 18 coulters to the drill discs to get precision control. Another feature of the drill involves the use of rollers to compact the soil directly over where the seeds are planted. The No-Till Farmer reported, "Improved seed germination results since there is no 'smearing' of slits opened by the discs," the magazine article continued.

According to the drill's inventor, Sam Moore of Ballymoney, England, the drill works just as well under conventional tillage systems, as compared to no-tillage conditions.

The Moore uni-drill has 18 spring mounted discs and coulters which reportedly work well over uneven terrain. Each of the 18 discs and coulters independently follow the contour of the ground and are designed to ride easily over stones.

The uni-drill can plant 18

rows with a spacing of 4 3/4 inches apart and has a working width of seven feet. Drill openings are plugged to provide other desired row spacings.

The drill is also equipped with a seed metering device, which is accessible to the operator by means of a hand-turnable micrometer screw. Hydraulic cylinders are provided for ease and convenience of operation.

Another prime feature is that the British machine uses few parts. For more information, write to Allied Farm Equipment, 101 Eastern Avenue, Syracuse, N.Y. 13211.



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WHAT'S NEW

FORD TRACTORS

A new series of five diesel-powered farm tractors — 13 to 30 horsepower — is being offered by Ford Motor Company's North American tractor dealerships. All five models are available with two- and four-wheel drive.

The top model in the series, the Ford 1900, has a three-cylinder diesel engine rated at 30 horsepower, with 26.5 powertakeoff (PTO) horsepower. The other four models have two-cylinder diesels with the following power ratings: Ford 1100, 13

engine horsepower, 11 PTO horsepower; Ford 1300, 16 engine horsepower, 13.5 PTO; Ford 1500, 20 engine horsepower, 17 PTO; Ford 1700, 25 engine horsepower, 23 PTO.

The optional four-wheel drive features simplicity of operation. With the clutch disengaged and the tractor stopped, the operator merely pulls a transmission-mounted lever to engage the powered front axle for all speeds, forward and reverse. The oscillating front axle pivots at the

center to help keep wheels planted firmly on rough or rolling terrain. The front differential is centrally mounted and the drive shaft sealed for protection against dirt, dust and water.

Ten- and 12-speed transmissions offer the operator a choice of working speeds. Optional creeper-speed ranges add flexibility, providing 15 or 24 speeds.

Rear-axle components are made to handle heavy loads. Differential lock, independent-turning brakes

and adjustable tread width are standard.

All Ford 1000 Series models are equipped with a three-point hitch that matches most implements made for a Category I hitch. Lift capacity is from 881 to 3,813 pounds.

An engine-driven, gear-type pump provides hydraulic power to handle mounted implements and loaders. A remote hydraulic control valve is optional on all models.

Ford offers a range of implements that match the size, power and operating features of each 1000 Series tractor. The list includes equipment for grounds maintenance, farming, in-

dustrial work, landscaping, gardening and snow removal.

A single lever controls lifting, lowering and positioning of implements. Drop speed of hitch movement is adjusted with a drop restrictor valve.

The standard 540-rpm PTO offers versatility for mowing, working with other PTO-powered implements and operating stationary equipment. Front PTO also is available.

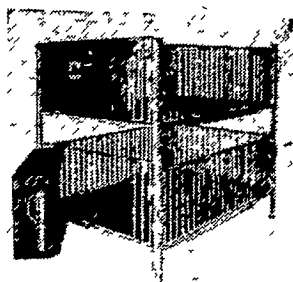
Other features of the Ford 1000 Series include:

- A 12 volt, 20-amp alternator.
- Simplified maintenance. Flip-up doors provide easy access to the radiator on 1300-1900 models and fuel-fill on all models. The entire hood tilts forward for engine servicing. The oil filter is a spin-on type and dipsticks are provided to check oil level in the transmission/rear axle and hydraulic system.
- An adjustable seat, smooth clutch and conveniently located controls provide comfort and operating ease.
- Deep-lug rear and ribbed front tires are standard. Turf-type front and rear tires are optional on two- and four-wheel-drive 1100 models and two-wheel-drive 1300-1900 models.

PIG NURSERY

A new modular, stackable pig nursery pen is being produced and distributed by A. D. A. Enterprises, Inc. of Freeborn, Minnesota.

The ADA Modular Nursery is designed for fast assembly and to accommodate a 5 foot x 7 foot Tenderfoot livestock floor section. Sliding rods connect corners, sides and ends. Tenderfoot



floor drops right in. Four bolts secure top legs to bottom legs when stacking.

Other features include reinforced one-piece welded floor support frame, rust-resistant finish, heavy one-piece angle-iron corner legs, and double angle-iron legs for quick connection with fronts, backs and sides when setting up pens in series. A stainless steel, 6-hole feeder gate and a nipple waterer is included with each nursery. Pens are designed so that both ends may be opened to full width, including the end containing the feeder gate.

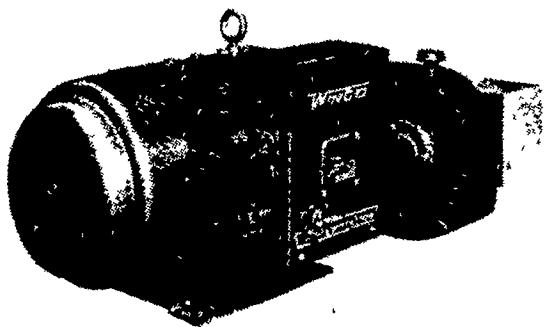
The ADA Modular Nursery is presently available in 5 foot x 7 foot size. Other sizes are available on request. For additional information contact A.D.A. Enterprises, Inc., Box 156, Freeborn, Minn 56032. Telephone 507/863-2461.

Tree Power

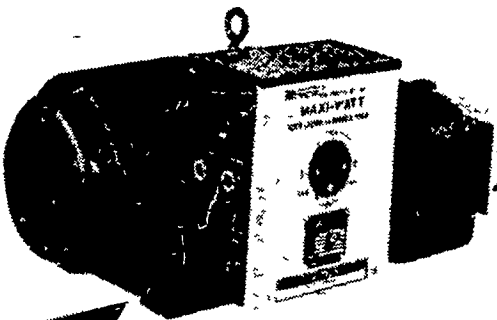
All kinds of trees have been celebrated through the ages. There are trees of life, knowledge, wisdom, holiness, and dreams — just to name a few. The earliest beliefs surrounding trees generally refer to them as trees of the world or cosmos. The moon, sun and stars were originally thought to hang on a celestial tree like leaves on the trees of the earth.

INTRODUCTION SALE, 1979 MODELS OVER 50 IN STOCK

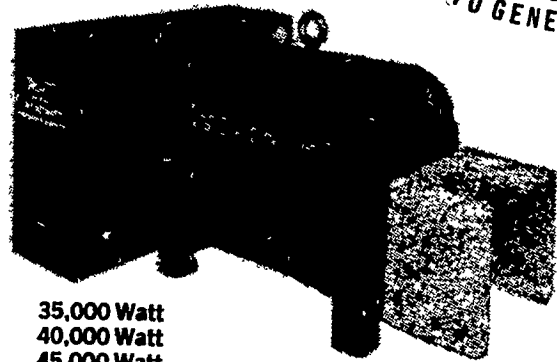
WINCO



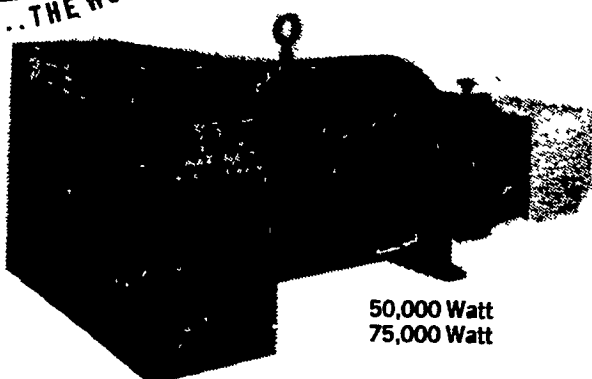
15,000 Watt



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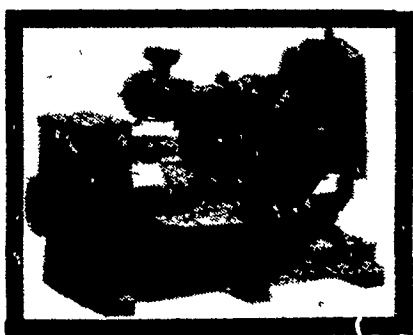


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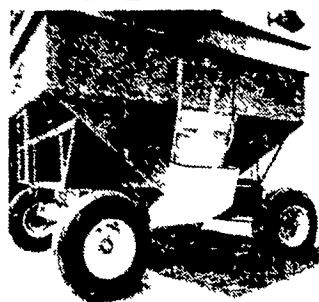
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WHAT'S NEW



NEW ADAPTER CONVERTS SIDE-DELIVERY GRAIN BOX TO BOTTOM DUMP

Bradford Industries is offering an adapter chute for converting any Bradford or E-Z-Flow side-delivery grain wagon box to center dump operation.

With the enameled steel adapter in place, grain flows out below wagon center just as it would from a center dump unit. No spilling, no waste, no scooping, says the manufacturer.

The adapter installs easily on any Bradford Industries or E-Z-Flow box using mounting holes from the side chute it replaces. For more information, contact Bradford Industries, Bradford, Ill. 61421.

BEAN/GRAIN PLATFORM

Avco New Idea's new 15-foot Model 715S Bean/Grain Platform, with integral floating cutterbar, insures maximum harvesting efficiency, says the manufacturer.

The 715S is specifically sized for harvesting six rows of soybeans planted in narrow 30-inch rows or five in wide 38-inch rows.

The 53-inch diameter, six-bat pickup reel features adjustments for improved crop control, especially when crops are down and tangled, New Idea claims.

To make harvesting even easier, an optional automatic header height control is available. An electric/hydraulic solenoid valve automatically adjusts header height to maintain the proper cutterbar position within the float range.

Avco New Idea also offers floating integral cutterbar-type platforms in 13- or 16-foot widths. All can be used with the new Uni-System 818 Combine or the current 717 Combine.

FORAGE HARVESTER

A new heavy-duty forage harvester from Sperry New Holland features a 12-knife cutterhead, 2-speed blower and a choice of either 540 or 1000 rpm PTO.

Designated the Model 782, the new harvester is sized for tractors of 75 to 110 PTO horsepower with 540 PTO and up to 120 horsepower (hp) with 1000 RPM power shafts. This "sizes" the machine between the Model 718 cut-and-throw chopper and the larger 150 hp Model 892.

The "782" cutterhead is 20-inches wide. Under-beveled knives do not need rebeveling and are double edged to provide double the normal use life. A built-in sharpener is standard equipment. Optional recutter screens can be used for ultra-fine hyalage and high-moisture ear corn. A hydraulic-drive loading auger is also available for use at the silo when the "782" is used as a high-capacity stationary ear corn grinder.

Crop heads for the Model 782 include a new low-profile single row unit and a two row unit that adjusts for row widths of 28 to 40 inches. Ear corn snapper, windrow pickup and direct-cut heads are also available. Crop heads interchange with other new Sperry New Holland forage harvesters.

Flip-up feed rolls simplify service in the cutterhead, area by providing quick, easy access. Feed roll flip-up does not require any tools.

For more information, contact Ivan Glick, Sperry New Holland, New Holland, Pa.

INDUSTRIAL MEMBRANE

A spray-on impervious membrane system developed by the Asphalt division of Chevron U.S.A., Inc. solves pond lining problems quickly and economically and can also be used in barns and storage areas wherever dry, resilient flooring is desired, the manufacturer claims.

Chevron Industrial Membrane (CIM), a completely monolithic elastomeric, can be applied directly to an asphalt or concrete base, or with the use of a reinforcing fabric,

can be applied by spray to any size pond excavation.

Virtually impermeable, CIM adheres to concrete, metal, wood, glass and most other surfaces. The product is corrosion and abrasion resistant, ultra-violet stable and impervious to most air and water borne reagents. Depending upon specified use, CIM can be applied by squeegee or spray and is self-leveling with a cure time of 4 to 12 hours.

CIM adapts to all soils and has been particularly effective in volcanic regions for retention of both fresh and waste waters. Typically, a pond is excavated, smoothed and compacted, a reinforcing fabric applied and then CIM is sprayed on to create a completely seamless membrane. Life span is expected to exceed most known pond construction processes, Chevron claims.

CIM also can be used to create a resilient, moisture proof surface for barns, storage areas and walkways, smoothly bridging

surface cracks and sealing them against damage, sharply reducing long-term maintenance costs. The product can be made skid resistant at time of application.

Because of CIM's corrosion resistant properties, it has also been used successfully to line fertilizer and farm chemical holding tanks, the manufacturer says.

For further information on this product contact: Jim Henry, Specialist, New Product Introduction, Asphalt Division, Chevron U.S.A., Inc.; 575 Market Street, San Francisco, Calif. 94105. Telephone (415) 894-3295.

EAR TAGS

Allflex Eartags for cattle, sheep and swine are now available in the United States. The patented applicator makes the Allflex Tagging Systems fast and hygienic. The tag provides permanent, highly visible identification, says the manufacturer.

The patented, Allflex Applicator, a plier's punch, has a sharp needle-like projection that first pierces the animal's ear with a tiny hole allowing the tag to ease into the ear rather than rupture

it. The punch-point causes little bleeding, so chance of infection is greatly reduced, even in young animals. The process is so fast, taking only 1 or 2 seconds, that the animal suffers little or no stress. Once in the ear, Allflex tags are self-locking like a pop rivet and stay in permanently.

Allflex Eartags come in four sizes and dix bright visible, non-fade, weather-proff colors. They come pre-numbered or blank, single or double, and can be seen up to 100 feet away. Made of flexible polyurethane, there are no sharp edges to endanger

the handler or the animal. Allflex tags are designed to rotate in the animal's ear so they won't tear or snag in the brush.

For special applications, Allflex tags can be ordered with specific numbers, brands or ranch names.

Allflex Eartags are distributed in the 17 Western States by Vet Brand, 22599 South Western Avenue, Torrance, CA 90501, and points East by C.G. Hanford Manufacturing Company, Box 1055, Syracuse, New York 13201. Allflex tags are available from animal health dealers.

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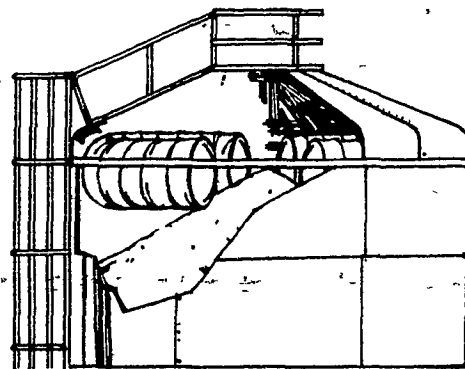
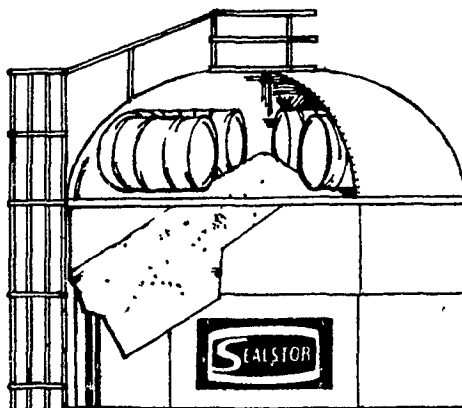
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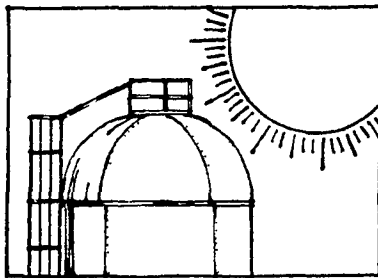


TOP SECRETS

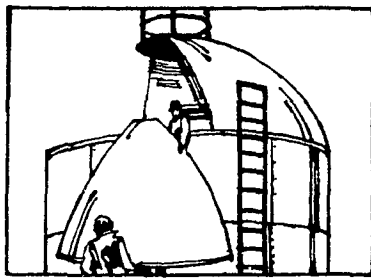
Sealstor superiority starts with the roof. Here's why:

First, the domed shape of our roof provides enough extra room to accommodate the breather bags. That gives you more storage space for feed. Extra capacity. Extra value. It's that simple. And the Sealstor storage advantage doesn't stop there. We've engineered an efficient distributor into the top of our structure. That means the forage going in will mix evenly throughout,

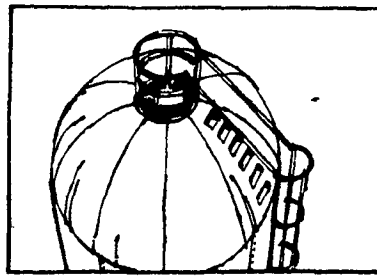
regardless of particle weight or size. This usually results in approximately 15% greater density of forage stored in a Sealstor. In short, with Sealstor, you get as much as 15% more feed capacity from every cubic foot of storage space you buy. That's savings. That's economy. That's Sealstor. And that isn't all.



COOLER The Sealstor roof is insulating heat-reflecting fiber glass. Not heat-absorbing steel. It keeps the contents cooler. It reduces the breather bag workload. That's maximum efficiency.



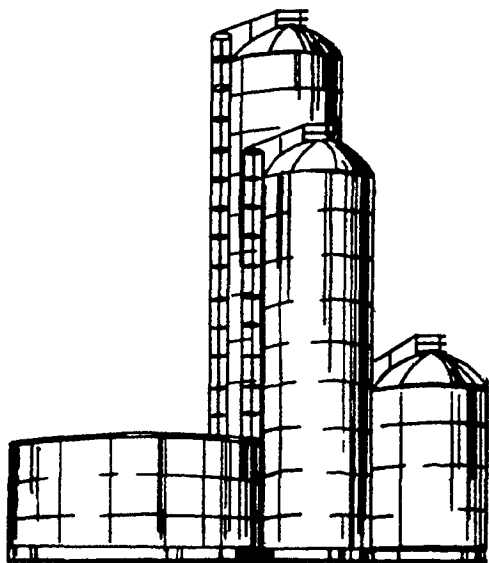
TIGHTER Our roof panels are strong and tough. They're larger too. So our roof requires fewer panels, seams and bolts. There's less chance of leakage. That's superior engineering.



SAFER The steps are recessed into our roof. Not added on. That makes them feel solid because they are solid. Sealstor delivers extra safety, extra stability, extra quality.

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WHAT'S NEW

900-POUND BALER

A new medium-sized round baler ideally suited to dairy, beef and cow-calf operations has been introduced by the Gehl Company of West Bend, Wis.

The Gehl 1400 produces tightly-wrapped, weather-resistant hay packages that weigh approximately 900 pounds, depending on moisture content, product

manager Jim Phillips claims.

"We've designed the bale size to fit specific needs. They're great for the custom operator. With the 45 inch width, the bales can be loaded two-wide on an 8 foot trailer and stay within road limitations," says Phillips. The machine can be operated with a 40 horsepower tractor.

The new 1400 includes adjustable bale starting fingers; a patented angular drive system and top-mounted shuttle that give the operator excellent visibility into the forming chamber; adjustable bale density control; and a full-width platform belt for fast bale starts.

As on previous Gehl Balers, the platform belt carries a two-year warranty.

The five 5-inch upper belts keep constant pressure on the forming bale at all times. The combined action of the platform belt and upper belts produces a bale with a

tight center core and excellent storing qualities.

A new 45 inch hay pickup features four-bai design with more aggressive action and faster rotating speed. Crowder shields help get all the windrow. And the 1400 includes this protection: when the chamber is overfilled, pickup action stops.

The fully-formed bale can then be easily discharged from the rear of the machine. A spring-controlled lever locks the gate closed, and the system is ready to form the next bale.

Options include: hydraulic or electric twine-wrapping; a bale counter; and 1000 rpm drive line (540 rpm standard).

For easy bale unloading, a Gehl BH 1500 Bale Handler can pick up bales from the sides or ends and lift them into bunks or trucks. It mounts on category II and III tractors with hydraulic controls operable from the seat. To eliminate the sideways movement of bales, the arms are connected by gear sections. The

Bale Handler comes complete with jackstand, safety bar for the operator and a 16-inch stroke lifting cylinder.

For more information on the new Gehl 1400 round baler and Bale Handler, contact Jim Phillips, product manager, Gehl Company, West Bend, Wisconsin 53095.

FEED MIXER

Self-contained hydraulics can offer a variety of advantages in a new 100 Mix-All introduced by the Gehl Company of West Bend, Wisconsin, says Gehl Company product manager Jim Phillips.

Tests have shown that this new Mix-All can unload a full 100 bushels in just 3½ minutes.

A large hydraulically-powered unloading auger moves material smoothly with no surges. The 12-foot conveyor is standard, with 3 feet, 4 feet and 7½ feet extensions available to reach tanks up to 18 feet high. And the conveyor can be swiveled a full 270 degrees for unloading from either side.

"This new hydraulic design eliminates over 100 parts," says Phillips.

Hydraulically-operated attachments include a swinging auger feeder, feed roll and gravity feeder for ear corn and baled hay.

The 100 Mix-All features Gehl's 21 inch mill with 66 reversible hammers. A variety of quick-change screens can be stored at the side of the mill for easy access. And screen changes can be made literally in seconds.

For adding feed supplements, a convenient concentrate hopper is included. A guard keeps the bag from entangling in the auger. And a flip-up bag-buster makes the job easier.

Options include: A choice of analog or digital electronic scales for more precise measurement; a 20 inch magnet; and 1000 rpm drive (540 rpm standard).

For more information on the new hydraulic 100 Mix-All, contact Jim Phillips, product manager, Gehl Company, West Bend, Wisconsin 53095.

GRAIN SAMPLER

Knowing the precise time that crops are ready to harvest, dry or store is made easy with a new grain sampler available from the Allis-Chalmers Corp.

The grain sampler can test the moisture content of virtually any grain from popcorn to wheat and features a digital display readout of the moisture percentage of corn. For other grains, it features single digit conversion charts. Charts for all popular grains are included with the tester.

The instrument automatically compensates for temperature. After 15 seconds a button can be pushed to obtain a temperature-compensated reading. This allows the tester to be used in widely varied environmental conditions.

The grain test chamber, with its flip top cover that protects the sensor mechanism, automatically actuates so sample weighing is eliminated.

The large digital display is easily read - even in direct sunlight - yet uses very little battery power. The grain sampler operates on a common 9-volt transistor battery. If left on, the grain sampler will turn itself off after a few minutes so the battery will not run down.

The high impact housing of the Grain Sampler is made of injection-molded plastic, which provides tough, weather resistant protection for internal components.

The grain sampler features a rugged custom designed circuit board, unaffected by moisture, dust and dirt, and it is shock resistant.

For more information, contact your Allis-Chalmers dealer.



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WHAT'S NEW

GRAIN MOISTURE TESTER

A recent electronic breakthrough has made possible a grain moisture measuring instrument that features simplicity, accuracy and speed at an affordable cost, says the manufacturer. The new Nova Grain Moisture Sensor 7000 is a portable battery operated instrument that is held in one hand. Per cent moisture is indicated as a direct meter readout that is automatically temperature compensated—there is no need to reference the reading to multiple scales or conversion charts. The probe is simply inserted into the grain sample, the grain type set on the selector knob, and the moisture percentage is read directly from the meter.

For more information write: Nova Sensor Corporation, 2665-4th Avenue North, Anoka, Minnesota, 55303.

MODEL 818 COMBINE

Built for six-row harvesting, the Model 818 combine, being introduced by Avco New Idea for 1979, has a 165-bushel grain bin, a 48-inch wide cylinder and a new unloading auger system. The larger-generation Uni-System processing unit boasts one-third more harvesting capacity than the present Model 717 Combine.

A new Servo-Matic Control System provides convenient in-cab control for combine cylinder speed, concave clearance, bin auger swing and bin auger clutch, says the manufacturer.

Four new big open-bottom walkers on six-inch throw crank shafts aggressively lift and agitate stems and husks to release grain. A larger cleaning system—a total walker area of 5,760 square inches means high separating capacity.

The 48-inch wide Feeder House features deep rubber paddles and staggered flights for smooth undershot conveyance of material to the combine. It has crop conveying capacity to meet

the needs of today's high yielding harvests.

A new monitor system as optional equipment indicates a full bin and also detects shaft speed slow downs.

The Model 818 Combine is designed for use with the new Model 801 Power Unit and works with all the Uni Fas-Tach gathering units, New Idea says.

ROUND BALE DISPENSER

Turnbow Manufacturing Company, Oilton, Oklahoma has announced the development and production of the Round Bale Dispenser, an all-hydraulic hay feeding system that allows one man to feed 1,000 head of cattle per hour.

Ranch tested for five years, the equipment can handle all standard bales (from 800-2,500 lbs.) and now allows one person to do a job formerly accomplished by six men in an 8-hour shift.

Bales are loaded onto the dispenser's tilt pallet, which has a revolving drum. The machine hauls the hay to the feeding area and, with the use of two reversible drums, distributes feed to the cattle in an even manner no matter which direction the hay is wound.

Side panels insure that all parts of the bale are guided into the dispenser drums and evenly distributed on the ground.

For a free brochure, write: Round Bale Dispenser, Turnbow Manufacturing Company, Box 268, Oilton, Oklahoma 74052.

CULTIVATOR

Brady has a new field cultivator lineup, featuring a new hand-adjustable shank design that has more trash clearance than before, according to Brady engineers.

Two models have been added to the line, the 3650 and the 3550. The Brady 3650 has working widths from 30½, to 35½ feet. The Brady 3550 has working widths from 25½ to 30½ feet. Brady now boasts a complete line of field cultivators from 12½ to 46½ feet in one foot increments.

The shanks are designed so they can be hand-adjusted from high to low down pressure—without loosening nuts and bolts. The new shanks are mounted at a 38 (52) degree angle, giving a 12 inch trip clearance—five inches more than before. In addition, the new shanks give four inches more trash clearance than the old ones.

Brady tillage tools are manufactured by Koehring Farm Equipment Division, headquartered at Appleton, Wis.

LIQUID MANURE HANDLING SYSTEM

De Laval announces the latest addition to its line of liquid manure handling systems, the TG60 Homogenator Manure Pump, a new way to perform an old and unpleasant task.

The new TG60 unit offers the following features and benefits: Minimal moving parts, high-speed, impeller (1270 RPM), and the capacity to pump thicker manure (12 per cent total solids or more), high capacity six inch diameter pipe construction; quick coupling integral design for fast attachment, and maneuverable ratchet control nozzle; backflushing capability; simultaneous agitation/pumping ability; extended agitation device to get at hard to reach crusts and sediments; one single acting hydraulic cylinder that eliminates the need for hand winches or additional cylinders; and three sizes to offer a wide range of operating depths, available.

For more information on the TG60 Homogenator Pump, or the complete line of De Laval/Sahlstrom Liquid Manure Handling Systems, contact The De Laval Separator Company, Agricultural Division, 350 Dutchess Turnpike, Poughkeepsie, New York, 12602.



Pa. now third leading wine state

HARRISBURG - Pennsylvania's wine industry is rapidly becoming an important segment of the agricultural economy of the state, according to State Agriculture Secretary Penrose Hallowell.

Hallowell says that, "While many people do not realize the importance of grapes and wine to our economy in Pennsylvania, we rank among the top five states in the production of grapes, use of grapes in wine and use of grapes in the production of grape juice."

Pennsylvania has 19 limited wineries currently utilizing a variety of wine grapes grown in Penn-

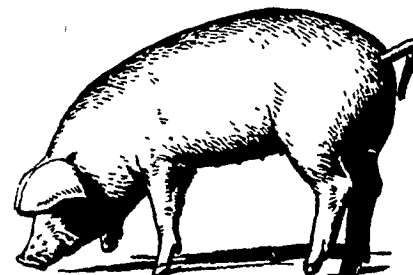
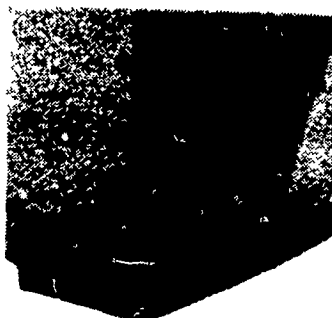
sylvania. In 1978, 13,846 tons of Pennsylvania grown grapes were used in the making of wine.

"Each year, the wines of Pennsylvania have been steadily improving, and gaining recognition from wine connoisseurs and judges," according to the Agriculture Secretary, who noted that most of the wineries are located in the southeastern and northwestern corners of the commonwealth. "We are proud of the quality of Pennsylvania wines, which have now reached the point where they are being offered for export to foreign markets."

The first winery in Pennsylvania to enter the export field is Nissley Vineyards of Bainbridge, Lancaster County, which is presenting their wines at a Food Trades Show being held in Santiago, Chile during the last week in March.



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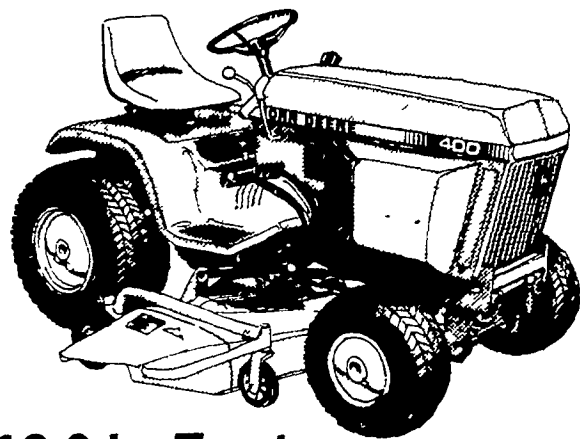
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Hallowell proposes gas exemption for farmers

By JOAN LIESAU
NEW DANVILLE - State Secretary of Agriculture Penrose Hallowell was concerned with energy and the future of farming as he spoke to over 200 people at the Lancaster County Farmers Association's Spring banquet, March 27, in New Danville.

Hallowell explained he is trying to form "some type of exemption" for farmers on the proposed six per cent tax increase in the wholesale gasoline price. Hallowell

stated that 15 per cent of the energy is consumed by farmers. "There is a priority system" he said "and if there is a problem, perhaps we can help you."

Hallowell would also like to see more money channeled towards the promotion of Pennsylvania farm products. Super markets promote "Texas strawberries, Washington apples" and other out of state products. But Hallowell felt this glamour and emphasis should be put



Penrose Hallowell

agriculture as long as it is in use. "Legislation that preserves the farm land will also have to give the farmer the right to farm" he added. Hallowell was also proposing that class 1, 2 or 3 land should not be used as a landfill area.

Hallowell touched on the Farm Show, saying that "quite a few" farmers who have talked with him were "very disturbed" with

change in livestock schedules during the show.

As far as the state's first farm machinery exposition, Hallowell stated it was an "effort to give other machinery dealers more space and a more relaxed atmosphere" to show their equipment. Hallowell said that he was considering the addition of livestock at the exposition to draw a larger crowd.

Hallowell emphasized that he wants the farmers of this state to share their ideas with him. He also reported there were about 20 vacancies in the State Department of Agriculture, both bureau and leadership positions. He urged Lancaster Countians to contact him if they were interested in filling a vacancy.

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towards our own state's farm commodities.

"If we are going to preserve the farm land, we have to preserve the farmer. To preserve the farmer, we have to let him farm," Hallowell stated. He explained they are trying to amend Bill 319, the farm land assessment act. This amendment would allow farm land to stay in

ELVERSON - Six members of the Twin Valley FFA Chapter were among the winners in the Pennsylvania FFA project record book contest held recently at the Pennsylvania State University. This contest is held annually to pick the top project books in the state. All FFA members are eligible to enter their books in the contest, which is divided into

three general categories - Productive Record Book (records on crops and animals); Supervised Occupational Experience Record Books (records on jobs); and Skills and Task Books.

Tom Kearns earned 1st place in the state with his on farm occupational experience record book. There were a total of 175 books in his category. Lewis Kohl also earned a first place with his miscellaneous skills and task record book. There were a total of ten books in this category. Both Tom and Lewis received gold medals.

Dan Mosteller received the first place silver medal for his swine fattening record book. 27 other books were entered in this contest. Brian Dormer received the 17th place silver medal for his on-farm occupational experience record book (out of 175 books). Ken Sweitzer's 2 enterprise productive record books received the 21st place silver medal out of 138 record books.

Roger Stoltzfus received the 1st place bronze medal for his Veal record book.

A total of 1355 project books were entered in 54 different categories of the contest.



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Tax tips given

(Submitted by the Pennsylvania Institute of Certified Public Accountants on preparing 1978 Federal Income Tax Returns)

Many thousands of taxpayers with a few deductions to claim face the same problems every year: having to decide whether to itemize those deductions or take the standard deduction (now called the "zero bracket amount.")

"The decision hinges primarily on whether, if married and filing a joint return, your combined deductions exceed \$3,200," says John S. Ross, Jr., CPA, President of the South Central Chapter of the Pennsylvania Institute of Certified Public Accountants. If you are

married but filing singly your zero bracket amount is \$1,600, and if you are a single individual or unmarried head of household your deductions must exceed \$2,200 to make itemizing pay.

Does that mean a taxpayer has to go through the chore of identifying and adding up all deductible expenses in order to reach a conclusion as to whether it's better to take the zero bracket amount? "If you are close to the borderline," says Ross "it probably does, but for most people a rough estimate of their deductions is enough to show whether it would be more profitable to itemize."

Where do you look for possible deductions? The

Pennsylvania Institute of Certified Public Accountants advises that for people in all tax brackets the two biggest sources stem from home ownership: interest paid and state and local taxes.

For those in the lower brackets, the next biggest source of deductions come from medical and dental payments, followed by contributions. As income rises, the fact that health maintenance costs are deductible only to the extent that they exceed three per cent of adjusted gross income (except for one half of medical insurance up to \$150) makes health deductions less significant than contributions.

Where else can you look for deductions? Interest and taxes do not exhaust the possible deductions resulting from home ownership. Did a storm, flood, fire or theft or other casualty cause a loss in 1978? Was the loss more than \$100 in excess of your insurance coverage: if so, there's probably a deduction there.

(Did you make capital improvements such as an addition, new porch or patio? There's no tax consequences for this year, but file away your receipts; they could save tax dollars in the future, when you sell.)

Do you have a second home — a vacation cottage, perhaps? Interest and real estate taxes are always deductible, and if you rent out the place you may also be able to take deductions for depreciation, maintenance, advertising, and other rental expenses, depending on the extent of your personal usage and the rental income involved.

"The deductions for interest paid are not limited to interest on your mortgage. Time payment purchases of such big-ticket items as a car or a boat can also give important interest deductions. The same for bank loans, charge accounts, and credit cards.

Also, don't overlook back taxes you may have paid during the year. If they were federal taxes, the interest is deductible (but not penalty). If they were state or local

taxes, the whole bill can usually be deducted.

In determining your deduction for sales taxes, you have a choice of using the actual amount paid during the year or a "table amount" provided by the IRS. If you use the tables, count all your income (i.e., municipal bond interest) not just that which must be reported in the tax return. Remember that you can add the actual tax paid on autos, boats, etc. to the table amount.

Don't overlook the deductible expenses the only receipts for which are your paycheck stubs, such as health insurance premiums, union dues or charitable contributions.

In compiling your medical and dental bills don't forget devices to overcome or correct physical deficiencies such as contact lenses, hearing aids or braces; travel costs in going for treatment; medically required trips or alterations to your home or car.

Your job might also bring

deductions, such as the cost of work clothes, tools, union dues, trade publications and entertainment of customers. If you run your business out of your home, part of your household maintenance and depreciation costs could be deductible.

If you were lucky, your investments will have increased your tax obligations for the year, but they may also produce deductions. These would include the cost of investment advisory services, subscriptions to financial publications, travel to see your broker, a safe deposit box used to store

securities, and in special circumstances even the costs of travel for the purposes of checking out an investment.

By now you will have a pretty good idea of whether your deductions exceed the zero bracket amounts listed above. If you have about average expenses, there is little doubt you will find it advantageous to itemize. And in case you do make that decision, don't throw away the list of deductions you have just compiled. It will be a big step ahead in the preparation of your tax return.

Students invited to compete for farm and home scholarships

LANCASTER - The Lancaster County Farm and Home Foundation is announcing the offering of scholarship awards in 1979, in the fields of agriculture, home economics, and nursing. Depending upon the financial need and ability of applicants, a maximum of fourteen scholarships may be awarded.

Each scholarship award will be in the amount of \$550.00 and may be used to help defray tuition, fees, or room and board expenses at any accredited educational institution, which offers a course of study in agriculture, home economics or nursing.

Some of these Farm and Home Foundation Scholarships are earnings from an Irrevocable Trust Fund set up by the late Elmer L. Esbenshade, one of the founders of the Lancaster County Farm and Home Foundation. The income from this trust fund will be offered annually in the form of educational scholarships through the Farm and Home Foundation. In addition, funds from the Foundation Treasury are also being used

to help finance the scholarship program.

All senior guidance counselors throughout the Lancaster County School Districts are being informed of these scholarships in order to get prospective boys and girls informed.

Interested youth are urged to contact their senior guidance counselor for details and an application blank. Additional information is also available from M. M. Smith, chairman of the Scholarship Committee, 1383 Arcadia Road, Lancaster, Pa. 17601 (Phone 394-6851). Application forms must be forwarded by April 27, 1979.

Just Missed

"What's this all about?" an American tourist asked the guide when the bus pulled into Runnymede, England

"This is where they signed the Magna Carta," the guide replied

"When?"

"1215"

After looking at his watch, the American turned to his wife and observed "We just missed it by 45 minutes."

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Retired farmers are in a class by themselves

By JERRY WEBB
University of Delaware
NEWARK, Del. - What happens to farmers when they reach normal retirement age? Do they actually retire, or do they go on working?

Retiring from farming is not like retiring from a nine-to-five job. In most farm situations, the business and the family living are so intertwined that they're difficult to separate. Besides that, the typical farmer is so involved in his business that he seldom thinks of anything else. If he takes a trip, it's to look at livestock or machinery. If he takes an honest vacation, he usually plans something agricultural along the way. He's not like the factory worker who when he puts down his tools gets as far away as possible from his daily routine.

Surveys show that most farmers hardly ever take a vacation and not many of

them make solid plans for retirement. So what usually happens when they reach the age that they no longer feel like working on a regular basis? They turn over the farming operation to another family member. Usually this happens over a period of years, and it's hard to tell when the farmer has finally retired. In retirement, he's more apt to be there doing something everyday but perhaps not worrying quite so much about the big decisions.

I suppose some farmers do pack it all up and move to Florida where they play shuffleboard and bask in the sun in their declining years. But most farmers who have been successful and have followed an active, involved farming career find the Florida sunshine lacking. They prefer to stay right where they are with some interest in the farming operation while they live in the farmhouse where they

more than likely spent most of their lives.

Some farmers do go about retirement in a very organized way, setting up retirement funds and turning over farm assets to family members. They have a specific date in mind, and they plan toward it. But they are the exceptions. The more typical farmer sees his land and buildings as his retirement program. He invests extra capital in improvements and in expansion, knowing that someday when he grows weary of farming, he can cash in.

Whether he actually sells out or gradually relinquishes control depends on his own family situation. If at least one of his offspring wants to farm, it's easy to step aside and still draw some retirement income. Selling out may be somewhat more of a shock, but it does produce a mountain of cash which, if carefully invested, allows him to live in relative comfort.

Surprisingly, some retired farmers who are millionaires on paper live in poverty. A recent survey in North Carolina indicated the average income of retired farmers to be about \$2500 a year, and most of that was from Social Security. Asked if that was enough, most of them said it was if they managed carefully. That

may not sound like much money and maybe it wouldn't be for some retired farmers, but consider that most of the farmers surveyed owned their own homes, had lived in the same neighborhood for 30 years or more, and did not have a mortgage to pay. Their priorities revolved around making ends meet, staying healthy, and having some financial security in their old age.

Here are some other facts and figures turned up in the North Carolina survey of retired farmers. The average age was 74 years. The mean educational level was five years. Sixty-one per cent were married, twenty-eight per cent widowed, and eight per cent bachelors. They had an average of four living children.

Why did they retire? The most frequent reason listed was poor health. In other words, they only retired because their health demanded it, not because they wanted to. And like farmers everywhere, they made very little provision for that inevitable day when they could no longer work. Less than four per cent reported some kind of retirement pension, and only one per cent received regular assistance from family members.

So where do farmers turn for help in retirement years?

The most frequent source of assistance in the North Carolina survey turned out to be the Social Security Administration, 92 per cent; followed by Medicare, 68 per cent; the church, 63 per cent; and the Cooperative Extension Service, 34 per cent.

How do retired farmers feel about things in general? Only 18 per cent reported much unhappiness in their lives, while most of the rest felt pretty good about their situation. Almost half said

things did get worse as they grew older.

Dr. Vira Kivett, a family relations expert who supervised the study, says there are some differences between retired farmers and other retired people. She says they have lower education levels, and more limited sources of income, more of them are widowers, and that their quality of life is generally lower. She concludes that strong state and local action must take place to improve the quality of life for retired rural people.

Overley joins Umbaugh

HANOVER - Dale Richard Overley, a Lancaster area resident, has been named Lancaster County sales and

planning Representative for the Umbaugh Pole Building Company's East Coast Division.

Overley is a graduate of Lycoming College, has taught in the Lancaster area school system; and prior to his appointment with Umbaugh Pole Buildings, was self-employed in construction and home remodeling.

He is married to the former Janet Eisenbise, is the father of two children, and resides at Hershey R1.

Umbaugh Pole Building Company has announced Overley's appointment in conjunction with the opening of its East Coast Regional Office near Hanover.



Dale R. Overley

Simmentals top Pa. bull test

UNIVERSITY PARK - The Pennsylvania Department of Agriculture in cooperation with the Pennsylvania State University has just completed its 6th annual 140-day test at The Meat Evaluation Center, University Park.

The top gaining bull over all breeds was a 7/8th Simmental owned by Rolling Ridge Farms, Butler, with an average daily gain of 4.34 pounds and a lifetime DOA of 3.90. R.R.F. Country Boy-K 310 is sired by Galant. In

second place was a 7/8 Simmental owned by Homer Zumstein, Warren, with an ADG of 4.21 pounds and a lifetime DOA of 3.59.



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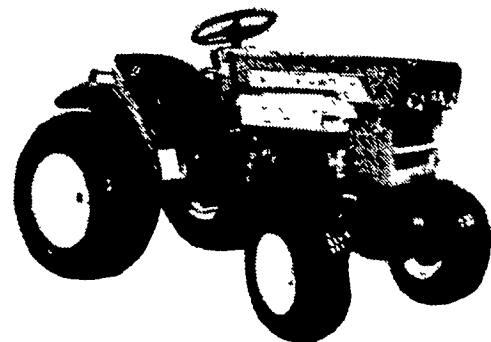
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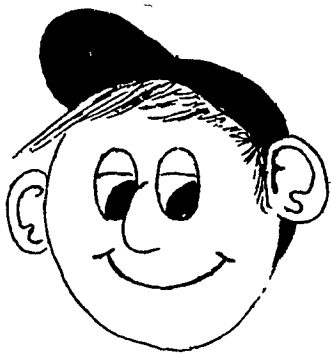
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Nixnutz's Corral

By BARNEY NIXNUTZ

"All the news that's unimportant,
but still interesting."



That's poor

United States Department of Agriculture Secretary Robert Bergland has pointed out on numerous occasions that most farmers are doing quite well. This may or may not be true, claims Lancaster County farmer and conservationist, Amos Funk. "However, I know of some farmers whose income is con-

siderably below the poverty level," the amiable grandfather says. "Just last week, I learned about a young farm family who were so poor they couldn't afford a crib for their baby. The only thing they could find to put the baby in was cardboard box the colored television set came in."

Helpful Heidi

The editor of this newspaper was getting all dressed up one evening last week, in preparation for a milk producers' banquet. He was buttoning his vest and straightening his tie, while his 2-year old daughter, Heidi, watched closely. Very observant, she noticed her Daddy wasn't fully prepared to go out yet. She certainly couldn't allow that.

She scooted around the corner of

the bed, and returned a couple seconds later.

Heidi appeared very proud of herself. There was a big smile across her face and her eyes twinkled. One sneaker was in each of her little hands, and she held them up towards me, happily announcing: "Shoes."

So if you see me in sneakers at your next banquet, you'll know why.

News is over

Every once in a while this family gathers in a darkened room to watch home movies. On one such recent occasion, we happily reviewed the highlights of a February vacation to Nevada, California, and Disneyland. After some 30 minutes of reliving those happy days in the sunny

Southwest, the father unplugged the projector and turned the lights back on. "Now you guys can get back to watching the trash on TV" he announced.

"That isn't trash," protested 4-year old Karl immediately. "The news is over."

Record price paid in bull test sale

UNIVERSITY PARK - A new all-time record price on a bull in the Panhandle State University Bull Test sale at Goodwell, Okla., was set in the recent 27th annual sale when a February yearling

K35K, sold for one-fourth semen interest for \$10,000 to the Rock Hollow Farms in Alachua, Fla.

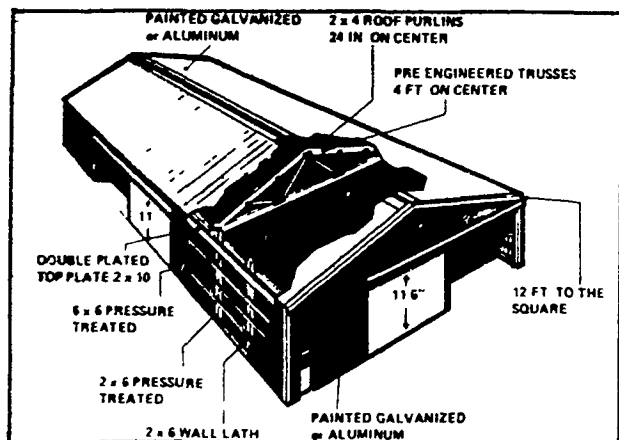
Penn State University, State College, and J.V. Farms, Douglasville, had

each previously purchased one-fourth interest in the bull. Dr. H.C. Palmer, owner of the bull from the Top of the Ark Polled Hereford Ranch in Liberal had retained one-fourth interest. The bull will be kept at Penn State University, where he will be prepared to show in the top stock shows of the nation and semen will be furnished to the three other owners by PSU.



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Crittenden receives award

NEWARK, Del. - A retired University of Delaware professor of plant pathology received an award for outstanding work with soybeans at the Sixth Annual Meeting of the Southern Soybean Disease Workers.

Professor Emeritus Henry W. Crittenden developed six soybean varieties during his



Henry W. Crittenden

25 years at the University. They are Bethel, Delmar, James, Celest, and two vegetable types, Verde and Emerald.

As a soybean breeder his main contributions were incorporating disease resistance into agronomically suitable varieties. He added resistance to root-knot nematode, Phytophthora root rot, pod and stem blight, and purple stain into many of his released varieties and breeding lines. His research also involved the role of potassium in disease resistance to Diaporthe pod and stem blight, as well as rotation schemes for root-knot control. He was also instrumental in screening and developing soybeans with good seed quality in our region.

Ryder Supply wins honor

LONG LAKE, Minn. - Ryder Supply Company, Fleming Mfg. Co., Inc. distributor in Chambersburg, Pennsylvania, has earned top Fleming sales honors by winning the Fleming Sales Volume Award. The award was made to Ryder Supply at the Fleming Annual Sales Meeting in Minneapolis, Minn.

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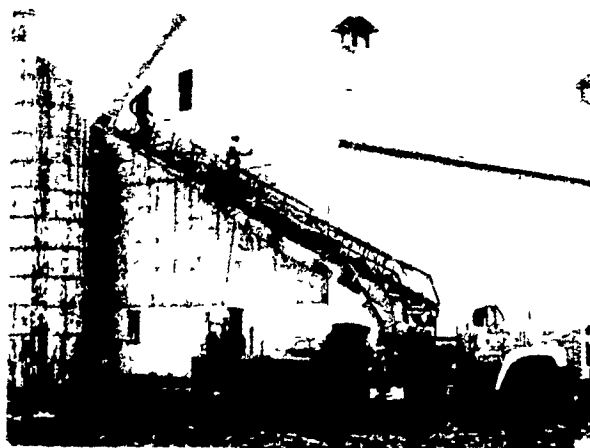
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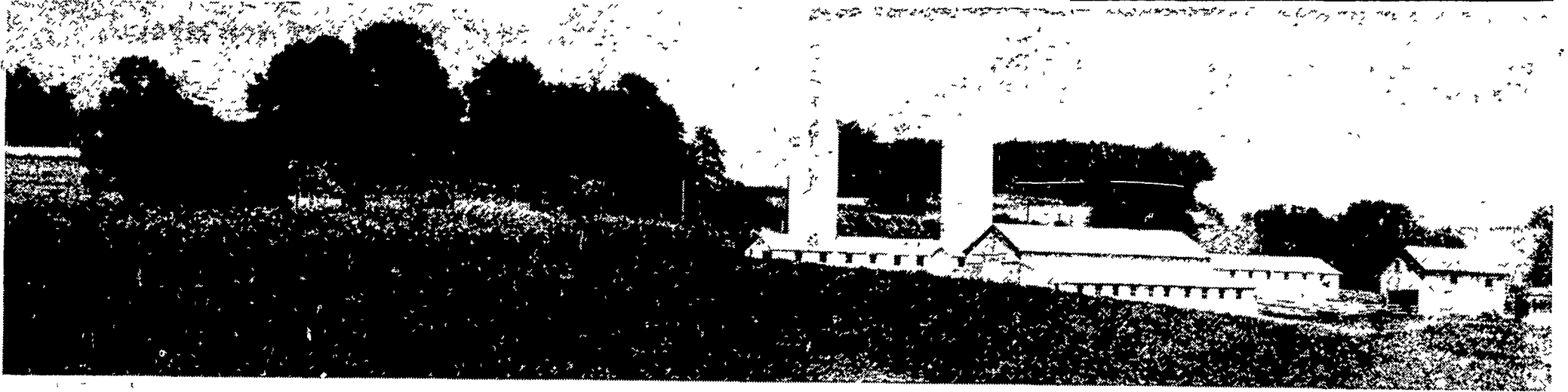
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Deed restriction may preserve farms

HARRISBURG — Lancaster County's Agricultural Preservation Task Force received the support of the Department of Agriculture and several legislators on Tuesday when Task Force chairman Amos Funk took a deed restriction proposal to Harrisburg. Funk, a farmer from Millersville, and prominent conservationist, was instrumental in drafting the land-use plan favoring farmers and is now seeking support from farm organizations as well as government officials.

Details about the deed restriction plan follow. In addition, a related article appears on page 111. In it, Funk details why citizens should be concerned about the disappearance of valuable farmland.

The Agricultural Preservation Task Force officially presented its report on a deed restriction program to preserve Lancaster County farmland to the Lancaster County Commissioners earlier this month. The presentation culminated more than three months of work since the Task Force was appointed by the County Commissioners last November.

The goal of the recommended deed restriction program is to obtain voluntary deed restrictions on Lancaster County farmland so that it will be preserved solely for agricultural production. The report recommends that the

program be administered by an Agricultural Preserve Board appointed by the County Commissioners.

Amos H. Funk, chairman of the Agricultural Preservation Task Force, pointed out that strong County Commissioner support will be needed in the future if the recommended program is to proceed successfully.

Funk said that the recommended deed restriction program is unique. To the Task Force's knowledge, it has not been tried anywhere in the nation. The Task Force believes that the program will work well in Lancaster County and that it also could work in other counties.

One of Funk's key points was that the proposed deed restriction program is voluntary. He said that it does not violate the principles of the free enterprise system.

Funk expressed the hope that the County Commissioners will appoint an Agricultural Preserve Board. He noted that some staff support and funding will be needed.

The Task Force which prepared the report had 15 members. They represented a number of Lancaster County organizations and areas of interest. Task Force members were Amos H. Funk, chairman, Walden S. Randall, vice-chairman, Phyllis Whitesell, secretary, Commissioner Jack F. Tracy, Jacob R. Bowers, Charles

S. Conrad, Jr., Levi J. Fisher, William Forrey, William F. Hoke, Clifford B. Huffman, C. Edwin Ireland, Robert K. Mowrer, K. L. Shirk, Jr., L. H. Skromme, and Aaron Z. Stauffer.

The Task Force's report begins with a statement of the need for agricultural preservation in Lancaster County. It points out that Lancaster County includes nine per cent of Pennsylvania's farms and provides one-sixth of Pennsylvania's farm production. In terms of value of agricultural production, Lancaster County is first among all nonirrigated counties in the United States.

The report also pointed out a number of other reasons why agricultural preservation is important. This followed by statistics which demonstrate how farmland is being threatened. The report then concludes that an aggressive program to retain the most important farmland and channel development into other areas is vital.

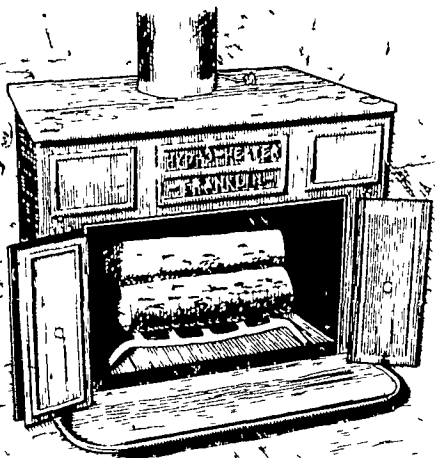
A deed restriction, as it applies to the proposed program, is a provision in a deed to a particular tract of land which restricts the use of that land to agricultural production. There are two parties to a deed restriction. The first is the landowner. The second enforces the restriction, which in this case would be Lancaster County.

Deed restrictions would be sought throughout the County. In some cases, a limited sum of money would be required to reimburse the landowner for the restriction;

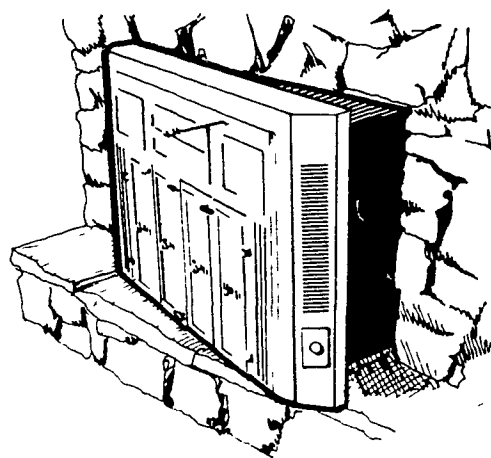
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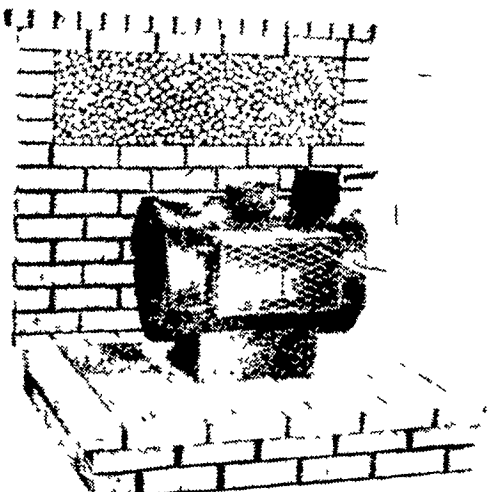
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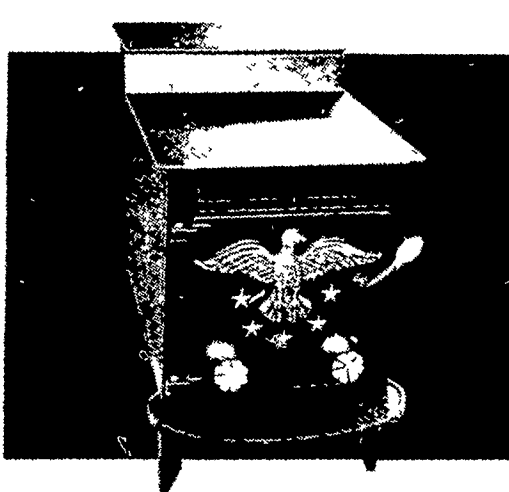
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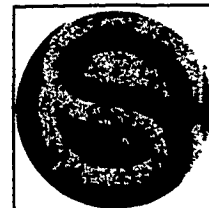
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Cumberland County Extension Service Executive Committee members met with area legislators recently. Left to right are Robert Berkheimer, executive member, Mechanicsburg R2; John Schaeffer, 88th District State Assemblyman; Raymond Sawyer, Jr., executive member

and Cumberland County Commissioner; Harold F. Mowery, Jr., 87th District State Assemblyman; Lynn Wingert, executive member, 422 Gettysburg Pike, Mechanicsburg; William Moore, 33rd District State Senator; David Briggs, Executive Asst. to 31st District State Senator.

Deed restrictions

(Continued from Page 121)

this would be done only where the land is within a specially designated agricultural preserve.

The report recommends that the Agricultural Preserve Board have seven members, including three farmers. Members would be appointed by the County Commissioners for four-year terms. The Board would appoint an advisory committee for each agricultural preserve to help delineate its boundaries.

Agricultural preserves would generally be large areas of prime agricultural soils. The Land Use and Transportation Plan in *Directions: A Comprehensive Plan for Lancaster County, Pennsylvania* would be a basic factor in delineating agricultural preserves. The Plan indicates that agriculture is the most appropriate use for approximately 278,000 acres of Lancaster County's land. It is proposed that all agricultural preserves be within these 278,000 acres.

The Task Force recommended that deed restrictions not be sought in areas which are presently served by sanitary sewers; this would help to assure that development sites continue to be available. It also recommended that the agricultural preserves be delineated only after studying their relationship to existing development.

Options Described

The Agricultural Preserve Board could begin its work by following three different procedures. The first would be to follow Act 442 of 1968, which provides a procedure by which counties may acquire interests in land. The second would be to encourage donations or bequests to the County, outside the procedures of Act 442. The third would be to encourage deed restrictions with a second party other than the County.

The report points out that certain amendments to Act 442 would provide the potential for a more effective deed restriction program. It enumerates a number of specific changes which should be considered.

The report concludes by summarizing the actions which should be taken to implement the proposed deed restriction program. Initial action must be taken by the County Commissioners to endorse the report and appoint an Agricultural Preserve Board, as urged by Mr. Funk. The Agricultural Preserve Board could then take steps to launch the program which has been discussed for so long and can now become a reality.

Milk booklet updated

ROSEMONT, Ill. - The fourth edition of "Newer Knowledge of Milk and Other Fluid Dairy Products" released by National Dairy Council, was announced by NDC President M.F. Brink, Ph.D. The 52-page booklet is a technical reference designed for use by members of the health professions, dairy industry, government, mass media and students.

Events and circumstances in recent years dictated the need for an updated reference on milk and other dairy products. These include the revision of the Grade A Pasteurized Milk Ordinance by the Food and Drug Administration; FDA's promulgation of standards of identity for milk and cream products shipped in interstate commerce; advances in science and technology such as the production of unfermented acidophilus milk and ultra-pasteurized cream; and the need for answers to new questions being generated by increased consumer interest in food and nutrition.

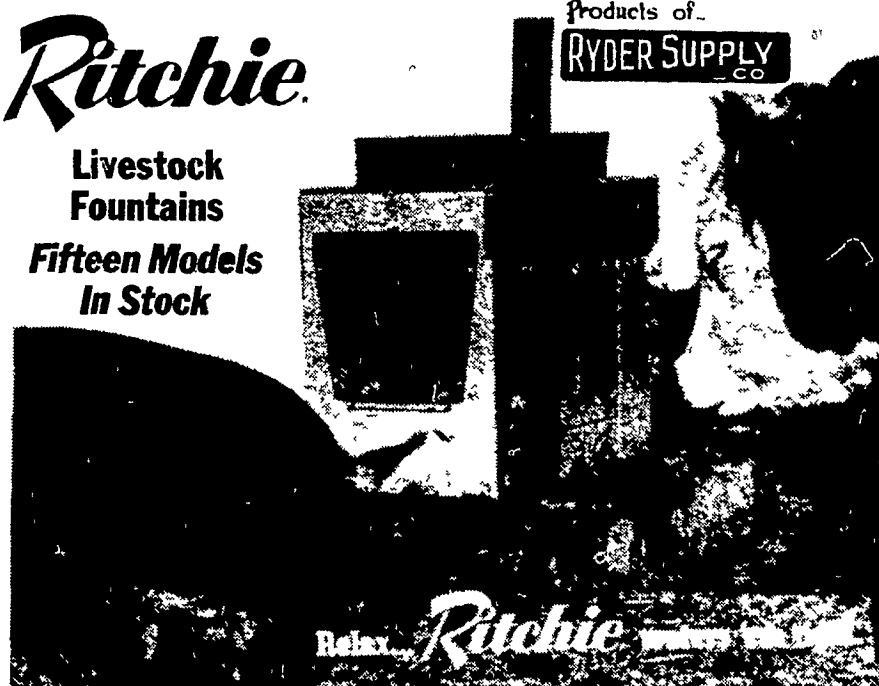
Single copies of the booklet

are available from NDC at \$3.20 each.

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'U-Pick' gardening booklet offered

NEWARK, Del. - Now is the time for farmers, gardeners, and anyone interested in establishing or improving a "U-Pick" operation to begin making plans and needed changes, according to Carl German, Delaware Extension marketing specialist. Each operator should have a plan for the 1979 season, as well as a longer range plan for the future, he said.

The market season for fresh picked fruits and vegetables will begin in just a few months, reminds German. Pickers will be ready to hit the fields as soon as the first fruits and vegetables are ready. The question operators should be asking themselves is "Will I be ready?"

The University of Delaware Cooperative Extension Service's

publication "Management of Pick-Your-Own Marketing Operations" covers most aspects of running a "U-Pick" operation. The 66-page booklet includes tips on planning, managing, organizing, advertising, pricing, market identification and analysis for pick-your-own operations. The booklet is an excellent guide for pick-your-own operators, says German. The marketing specialist adds that the key to any successful operation is proper management and efficient operation.

Individual copies of the booklet are available for \$2.50. Write to: Mail Room, Agricultural Hall, University of Delaware, Newark, Del. 19711. Make checks payable to the University of Delaware.

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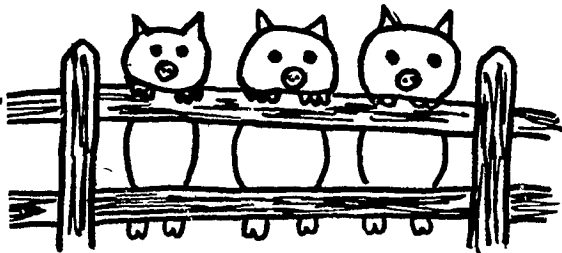
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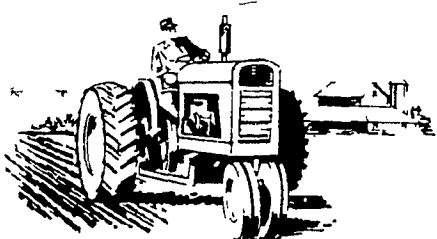
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Chicken takes readily to microwave cookery

COLUMBIA, S.C. — In today's hurry-up world, microwave cooking is being used by more and more busy people for preparing meals when time is short. And chicken is among the many foods which can easily be prepared by using the microwave.

According to the National Broiler Council, chicken

retains its natural moisture and tenderness while cooking in about a quarter of the time required for conventional methods. Defrosting is quick and easy, too. And microwaves save approximately 75 per cent in energy compared to usual ways of cookery.

The Broiler Council advises allowing six-seven minutes per pound for cooking chicken in a microwave but since not all ovens are the same, always follow the manufacturer's instructions. It's better to undercook than overcook as

the chicken can always be returned to the microwave for a few additional seconds or even minutes. Remember, too, that cooking continues during "standing time."

Chicken usually cooks best on "high" setting. However, when cooking a whole bird (except in a bag), "medium" power is recommended. Always place the chicken in the dish so that thicker parts are nearer the outside and bonier parts toward the center. Tuck giblets under the breast.

(Turn to Page 124)

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Bear license bill has many aspects

HARRISBURG — The Game Commission, in its request to the legislature to establish a bear license in Pennsylvania to help control growing hunting pressure

and the size of bear harvests, is asking that the legislation include several desirable features.

Game Commission studies show that the number of

bear hunters increased from just over 100,000 in 1972 to about 225,000 in 1976. It is apparent that with decreasing bear habitat and populations that there must be some controls on bear hunting pressure and harvests, and that a bear hunting license is a necessary first step.

Pennsylvania was the first state to provide protection to black bears, originally affording bruins protection in 1905. It has been unlawful to kill a cub bear in Pennsylvania since 1925.

Too many hunters, uncertain as to whether or not a small bear is actually a cub or a small adult, shoot the animal, and then hope that it turns out to be a legal bear.

When weather and other conditions have been favorable for a heavy bear harvest in recent years, hunters have killed as many as 100 cubs during a one-day hunt.

In an effort to provide further protection to these cubs, the Game Commission is asking the legislature to eliminate the reduced penalty (\$50) now imposed on a hunter who kills a cub by mistake and then turns in the bear to a game protector.

The commission is also asking that the \$50 reduced penalty for the mistake killing of an elk be ended. If this happens, a hunter who kills a bear or an elk by

mistake would pay a fine of \$400.

To deter hunters who would shoot cubs and then leave them in the woods, the Game Commission is asking that legislation be adopted which would impose a three-year hunting license revocation on any hunter who kills a cub bear by mistake and refuses or fails to turn in the carcass to a game protector.

A study of bear harvests in recent years indicates that a small percentage of the bears are taken by non-resident hunters. Therefore, the Game Commission is asking that a small percentage of the bear licenses be set aside for non-residents, many of whom are believed to be former Pennsylvanians returning to hunt in their native state.

Finally, the Game Commission would want to issue the bear licenses. Applications would be sent to the Game Commission in Harrisburg, and license winners would be chosen by lottery. No other license issuing agents or agencies would be involved in the bear licensing procedure.

Environmental score drops

WASHINGTON, D.C. — Despite many victories for conservationists in legislative and courtroom battles since 1969, the "quality of life" in the United States—as measured by seven environmental indicators—has declined over the past decade.

That is the finding of the tenth annual Environmental Quality Index (EQI) study of the National Wildlife Federation, the country's largest nongovernment conservation organization.

Of the seven components that go into the EQI, only one—air quality—has shown an improvement over the past 10 years, according to the report, published in the February issue of National Wildlife magazine.

The country has "held its own" on one other natural resource—forests—while the indicators for five other resources—water, wildlife, soil, minerals, and living space—have gone down, according to EQI's 10th anniversary report.

Thus, although the nation

has undergone an "Environmental Revolution" during the past decade, it is not as well off now, environmentally speaking, as it was when the first EQI was compiled in 1969, the magazine says.

In compiling the Index, each of the seven resources studied is scored on a scale of 0 to 100, based on a combination of objective measurements and the subjective judgments of experts in the various fields. Of the resources studied, the nation's forests got the highest mark (75), while its water quality got the lowest (33). A total score of 700 would represent the "best possible" environment. Over the 10 years the NWF has measured the environment, the score for the country has dropped from 395 (out of a possible 700) to 340. The 1979 score is down three points from last year's EQI.

44

Chicken takes

(Continued from Page 123)

Other general tips from the National Broiler Council for cooking chicken in a microwave include:

For better browning, coat the chicken with butter (not margarine), soy sauce, thyme, paprika or a commercial browning sauce.

Do not salt chicken before cooking; for best results add salt during "standing time."

To keep moisture in and avoid spatter, cover chicken with wax paper, glass cover or plastic wrap with one corner folded back to vent.

For more even cooking, rotate dish several times.

Because microwave cookery is very fast, added flavors are absorbed more fully if chicken is marinated prior to cooking.

Here are two recipes developed by the Broiler Council for cooking chicken in a microwave. Both can be ready to serve in a matter of minutes and both need only a salad or green vegetable and bread to round out a tasty, nutritious meal.

Drumsticks Italian Style

Microwave Time: 12 to 18 minutes

8 broiler-fryer drumsticks (1½-2 pounds)

1 can (15 ounces) tomato sauce with mushrooms

1 can (4 ounces) mushroom slices, drained

1 garlic clove, crushed

1 tablespoon parsley, finely minced

1 tablespoon finely chopped onion

½ teaspoon basil leaves

½ teaspoon oregano

½ cup grated Parmesan cheese

8 slices Mozzarella cheese (about 2 by 4 inches each), optional

Arrange drumsticks, meaty part toward outside, in 12-inch round or 12 by 8

inch shallow microwave casserole. Combine tomato sauce, mushroom slices, garlic, parsley, onion, basil and oregano. Spoon sauce mixture over chicken pieces. Cover with wax paper. Microwave on "High" six to seven minutes. Rotate dish ½ turn. Microwave on "High" six to seven minutes until drumsticks can be easily pierced with a fork. Sprinkle with Parmesan cheese. Cover each with a Mozzarella slice, if desired. Microwave on "High" one to two minutes more or until cheese is melted. Cover with wax paper and let stand three to five minutes before serving. Makes four servings.

Tangy Sweet Chicken

Microwave Time: 18 to 22 minutes

1 broiler-fryer chicken, cut in parts

½ cup light brown sugar

2 tablespoons prepared mustard

½ cup sweet pickle juice

½ teaspoon salt

¼ teaspoon pepper

Dry chicken parts thoroughly with paper towel. In small bowl, mix together brown sugar and mustard. Brush each chicken part on all sides with sugar-mustard mixture and arrange in large shallow baking dish, meatier parts to outside. Pour pickle juice in bottom of dish, not directly on chicken. Cover with wax paper. Microwave on "High" for 9 to 11 minutes. Rotate dish ½ turn. Microwave, still covered, on "High" 9 to 11 minutes more or until fork can be inserted in chicken with ease. Sprinkle with salt and pepper. Cover and let stand five minutes. Spoon sauce over chicken before serving. Makes four to six servings.

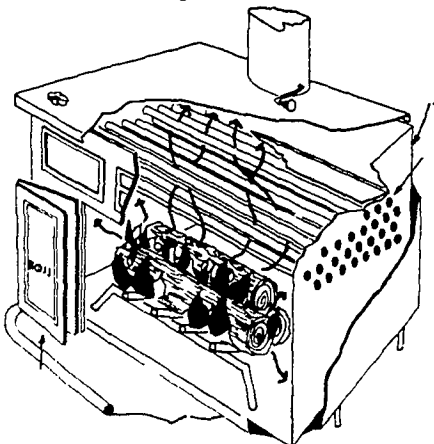
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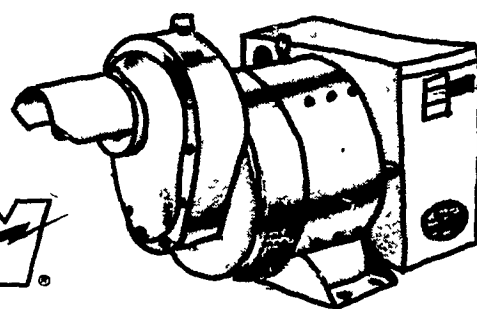
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Grassland FFA recognizes outstanding members

By JOAN LIESAU
BLUE BALL — "Too often we fail to help others because we are busy. We say 'go ask someone else', but as FFA members we are the someone else." These words were spoken by Pennsylvania's Eastern Region FFA Vice President Daniel Witwer at the Garden Spot High School, Grassland FFA Chapter's annual banquet on March 16 at the Blue Ball Fire Hall. Over 250 people were in attendance.

One Leola youth, Brian Hess, gained much recognition for his accomplishments as an FFA

member. The son of Mr. and Mrs. Omar Hess, Brian was named the Outstanding Senior and FFA member of his chapter. He was also awarded the Grassland Star Farmer Award and was a Foundation Award winner in the area of swine production. Mr. Raymond Baxter of Blue Ball National Bank presented Brian with the coveted Dekalb Achievement Award.

Last year, Brian was named the Star Agribusinessman of Lancaster County. He works on a dairy farm owned by Robert Book of Leola. Brian



Brian Hess

has been the recipient of many Foundation Awards for his on-farm work, swine proficiency, and farm mechanics ability. According to Brian's agricultural teacher, Clifford Day, Brian has raised top quality hogs, showing them at several shows. Brian was also cited for using good management practices with his hogs. His average litter size is 10 to 11 pigs. Brian has also sold his hogs to other members, who have done well with them on the farm as well as at shows.

Second Vice President and County FFA delegate Chris Herr was named the Star Red Rose Farmer. Chris has raised and shown many outstanding sheep, along with raising top quality hogs. His current project includes a steer. The son of Dr. Robert and Betty Herr, Narvon R2, Chris is also very active within school.

Gerald Martin, son of Mr. and Mrs. Lloyd Martin, Blue Ball, was awarded the Star Red Rose Agribusinessman.



Earl Good, left, and Ralph Griffith were among the Honorary Chapter Farmer Degree winners at the Grassland FFA Chapter banquet held recently.

Gerald works for Shady Maple Farmers Market in East Earl. His work experience includes everything from stocking the shelves to harvesting produce. He is also an active member carrying many projects.

Barbara Herr, daughter of Dr. Robert and Betty Herr, Narvon R2, was cited as the Star Chapter Farmer. Barbara is an outstanding shepherdess, showing breeding and market sheep at most of the top shows. She also does well with her hogs and is very active in the chapters committee work. Barbara was also the recipient of the sheep production and soil and water management Foundation Awards. She placed fifth in the FFA land judging contest held at Penn State.

Charles Zimmerman, son

of Mr. and Mrs. Charles Zimmerman, Blue Ball, received two honors at the banquet. He was named Star Chapter Farmer Agribusinessman and Agricultural Sales and Service Foundation Award winner. Charles has worked for J.B. Zimmerman Hardware store. He has also won medals for his County record books. Charles was selected for his outstanding off-farm work experience.

David Mull received the Star Greenhand Production award for his market hogs and activities. David is the ninth grade FFA president. He also raised about 100 hogs this past year. David is the son of Mr. and Mrs. Kenneth Mull, Churchtown.

Another winner of the Star

Greenhand Production award was Dennis Weaver, son of Mr. and Mrs. John M. Weaver, New Holland. Dennis is the ninth grade FFA secretary. He has raised hogs, and veal calves. He also participated in the creed and public speaking contests.

Kevin Zimmerman, silver medal winner in poultry judging at Penn State last Summer, was the recipient of the poultry production Foundation Award. Kevin, the son of Mr. and Mrs. Warren Zimmerman, Denver, also placed fourth in the Eastern States Exposition poultry judging contest.

Working for New Holland

(Turn to Page 126)

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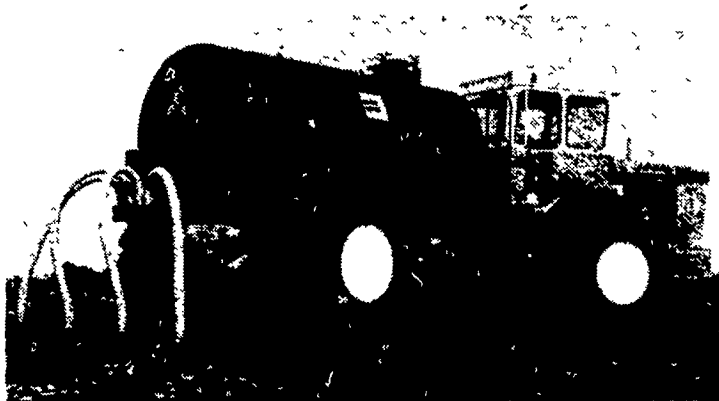
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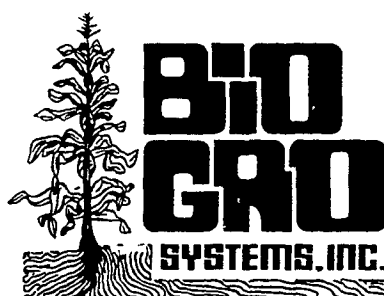


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Grassland FFA

(Continued from Page 125)

Farms, a milk processing plant in New Holland, Steve Boley gained practical work experience which won him the Agricultural Processing Foundation Award. Steve is the son of Caldwell Englerth, Jr. of New Holland.

Jay Zimmerman, son of Mr. and Mrs. Amos Zimmerman, New Holland R1, was the agricultural mechanics Foundation Award Winner. Jay has had many projects in the shop. In ninth grade he built a complete workbench. He is presently working with metal projects.

Brian Martin, son of Mr. and Mrs. Raymond Martin, received a Foundation Award in the area of home and farmstead improvements. Brian's main interest was in the home improvement area. He also kept good records on his work.

Working for a local cable T.V. company, Kevin DeVine gained experience in electrification. Kevin works with audio equipment during the Summer. He has also helped set up the sound systems for FFA events. Kevin was honored with the electrification Foundation Award.

Named Star Greenhand in Agribusiness and also the high seed salesman in ninth grade, was Dean Nolt. Dean is the son of Mr. and Mrs. Henry Nolt, New Holland. Dean was also named the ninth grade quiz winner. This contest was judged on the members knowledge of FFA, related to national, state and local information.

Lance Horst, son of Mr. and Mrs. Leroy F. Horst, Bowmansville, was named the top seed salesman in the senior group.

The top ninth grade livestock judging award went to Gerald Weaver. Gerald, the son of Mr. and Mrs. Raymond S. Weaver, Blue Ball, placed high in county judging competition.

In other ninth grade competition, award winners were Doug Martin, son of Mr. and Mrs. Walter Clair Martin, Doug took top place in the poultry judging contest; and Sheila Eagerm, Denver, public speaking winner.

Maxine Messner, daughter of Mr. and Mrs. Ron White, Leola, was named Foundation Award winner in the area of public speaking. Maxine competed in two public speaking contests, in the same day, giving two separate speeches. She placed first in the County's Soil Conservation Service (SCS) contest and went on to place second in the regional SCS competition. In the regular County FFA public speaking contest, Maxine placed first in the area, third in the regional division and ninth in the state. She also placed third in the extemporaneous contest held in October.

Ron Fox, with 16 acres of corn, about 6 acres of hay and a menagerie of projects, including rabbits, steers, sheep, pigs and chickens, was awarded the crop production Foundation Award. Ron is the son of Mr. and Mrs. Ron Fox of Narvon. Winning the diversified livestock Foundation Award was Randy Martin, son of Mr. and Mrs. William L. Martin, East Earl. Randy raised 42 pigs this past year. He showed two at the Farm Show, placing in the top six. He also raises steers.

A town girl who "records everything" according to her teachers is Lisa Russel. Lisa was awarded the horse production Foundation Award.

Besides raising horses, Lisa gives riding lessons too. She has won high awards in state competition with both her projects and record books. Lisa is the daughter of Mr. and Mrs. Ronald Russell of New Holland.

Several men received Honorary Chapter Degrees.

Lewis Brackin, transportation manager at Garden Spot High School has helped to provide buses for FFA related events. Ralph Griffith of East Earl, supported the Chapter by lining up eggs for judging and also helped with the poultry contests. Griffith works for Weaver-Quality Eggs. Earl B. Good of Cherry Hill, was cited for his support to the chapter. Dieter Kreig, editor of Lancaster Farming, also received the honorary degree for his voice in agriculture and support in publishing the Chapter's activities.

Certificates of appreciation were presented to Paul Gehman of Gehman Feed Mill, Inc.; Martin Snyder, of Pioneer Seed Company; Ed Wilson of Dekalb Seed Company; and Keller Senenig, Wood Shavings.

Also Rebecca Raschke, student agricultural teacher at Garden Spot; Debbie Dunlap, Lancaster Intelligencer Newspaper, John Behum of Ephrata Review Farming News and Rick Powl of Victor F. Weaver Poultry Company.

Ag Days

UNIVERSITY PARK - Penn State's annual Ag Progress Days will be held August 21, 22, and 23 at the Rock Springs Agricultural Research Center, 9 miles west of the campus on Route 45. Featured will be tours to research plots, family living activities, and special programs in a theatre tent. Demonstrations will include field and forage crops, livestock, and conservation practices. Special events will include the State Hay Show and Hay-Crop Silage Show. Educational and commercial exhibits will be highlighted. The contact person is Joe D. Harrington, 232 Agricultural Administration Building, University Park, Pa. 16802.

Pa. broiler placements up

HARRISBURG - Placements of broiler chicks in the Commonwealth during the week ending March 17 were 23 per cent above the corresponding week a year ago, according to the Pennsylvania Crop Reporting Service.

The placements were 2,279,000, three per cent above the previous week. Average placements during the past nine weeks were 13 per cent above a year earlier.

Placements of broiler chicks in the key 21 poultry producing states were 78,982,000, two per cent above the previous week and ten per cent above the same week a year ago.

The number of broiler-fryers slaughtered in Pennsylvania under Federal inspection in the week ending March 7 was 2,008,000 with an average weight of 4.04 pounds.

K&S wins double sales honor

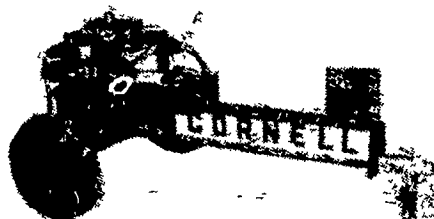


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Making the presentation for Van Dale was Robert P. White, president of Van Dale. Accepting the awards for K & S Inc. was Thomas Snyder, president of K & S.

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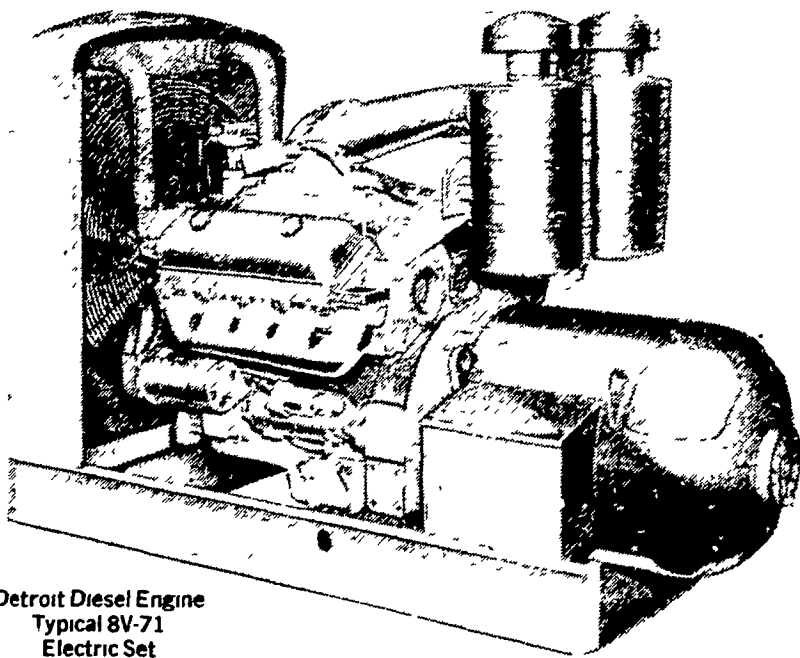
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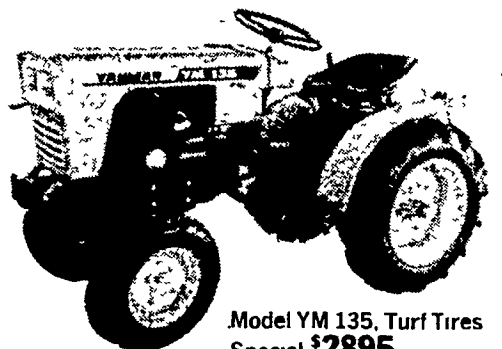
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A little out of the way...but a lot less to pay

To warm man and beast, she chose wool

By LYNN HERSHEY
University of Delaware
NEWARK, Del. - Recently I found my husband hunched over on a stool, clutching a needle in his right hand as he tried to shove it onto a length of thread in his left. Since he's not a southpaw, I was about the suggest that he couldn't thread a needle that way, when he did. Then he started sewing a button on a jacket, whistling a cheery

little tune. It never occurred to him to ask me to do it.

That's just one example of how life has changed since I gave up tending the home nest full-time and resumed the profession for which I had been trained over 20 years ago. Working all day in an office leaves one little time or inclination for sewing on buttons.

I have a great excuse now for neglecting grubby

household chores. After all, a few dust balls under the bed never disturbed anybody's sleep. However, I do miss having the time to sew clothes. So several weeks before Christmas I resolved to give the sewing machine some exercise and create a special gift for my good-natured, helpful, uncomplaining spouse.

He and his companion of the evening, our cat, needed something warm and cozy to snuggle up in for their Winter lap-sits. A thick, soft, full-length wool robe would be just the thing.

What fun to go into a fabric store again and finger the lush wool coatings in their lovely colors! (Was it possible prices had doubled since the last time?) Luckily I wasn't looking for a bargain, and thus was only mildly upset when the fabric of my choice was put on half-price sale the week after I had bought it.

It wasn't pre-shrunk, so I checked with an extension clothing specialist to be sure I performed this vital step correctly. It's easy. First, straighten each cut end by

pulling a single thread all the way across the width of the fabric. Then cut along the pulled thread line. With right sides together, fold the fabric along the lengthwise grain, pinning or basting the cut ends and the selvages together. If the fabric develops ripples, that means it was pulled off-grain on the bolt, but shrinking will straighten it.

Wet a bed sheet with warm water, wring out the excess, and place the wool in the center. Fold the edges of the sheet over the fabric, then fold the whole sheet with the wool inside, being sure to smooth out any wrinkles. Allow six to eight hours for lightweight fabrics, 12 to 15 hours for heavier wools. Finally, unfold the sheet and the fabric and allow them to dry naturally. For touch-up pressing use a damp press cloth and a steam iron.

If you'd rather not tackle this yourself, a reputable dry cleaner can shrink and straighten the wool for you. However, baste the fabric ends and selvages together before you take it to the cleaner.

I really did a job on that robe! Slapdash shortcuts were unthinkable for such an expensive labor of love. I clipped darts, finished seams, matched the subtle blue stripes exactly, even on the pockets. Edith Head herself would have been proud of the topstitching.

Several good-size pieces of wool were left over, so I

made a matching lap-pad for our deserving cat, lined and bordered in red.

There is much joy and satisfaction in a challenging task well done. Now, when my color-coordinated husband and his furry friend relax together on a chilly evening, I look at them and have to smile.

Horseshoeing short course planned

UNIVERSITY PARK - The annual Horseshoeing Short Courses of the College of Agriculture, The Pennsylvania State University will be held July 2 to 13 and July 16 to 27 on the University Park campus.

Each of the two-week courses covers subjects such as trimming, fitting, nailing, and removing shoes; stumbling and corrective shoes; types of shoes and their uses, corrective shoeing, etc.

The daily schedule consists of an hour or two of lecture and discussion, a demonstration by the instructor, and then four to six hours of supervised practice. Each student is required to attend from 8 a.m. to 5 p.m. with an option to return for an additional two hours at night for supervised practice.

Each student is provided with an apron, anvil and set of tools; a forge is shared with a partner.

Mr. Ward Studebaker, a member of the Department of Dairy and Animal Science

at Penn State and an experienced farrier, and Dr. Thomas Merritt, Professor of Animal Science, are the major instructors.

The registration fee for the course is \$350 for Pennsylvanians and \$360 for non-Pennsylvanians. Enrollees must be 18 years of age or older.

The daily program, information and an application blank can be secured from the Office of Short Courses in Agriculture, 306 Ag. Admin. Bldg., University Park, Pa. 16802.



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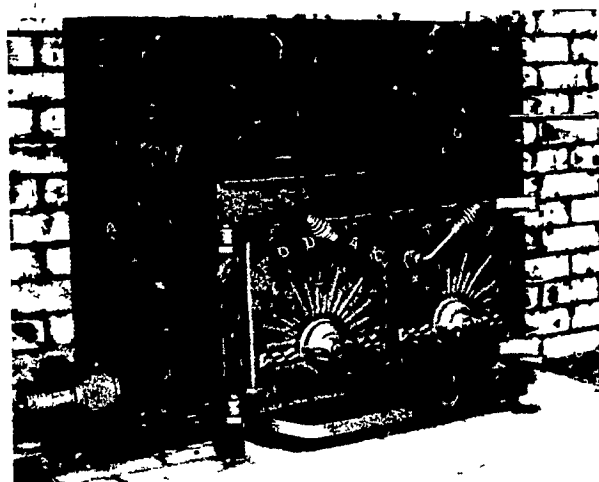


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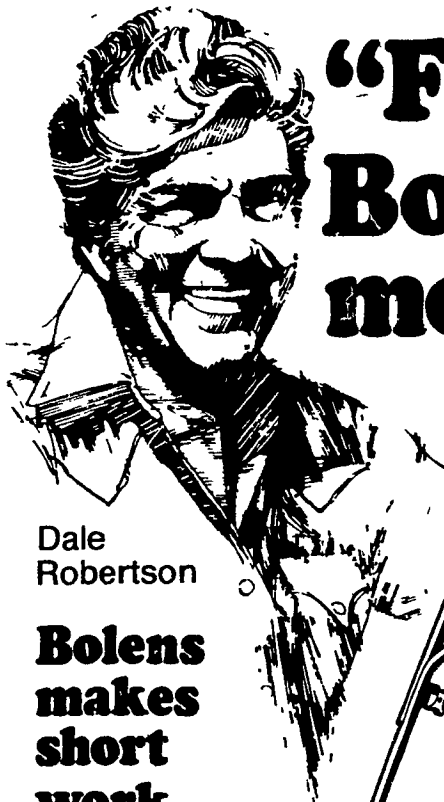
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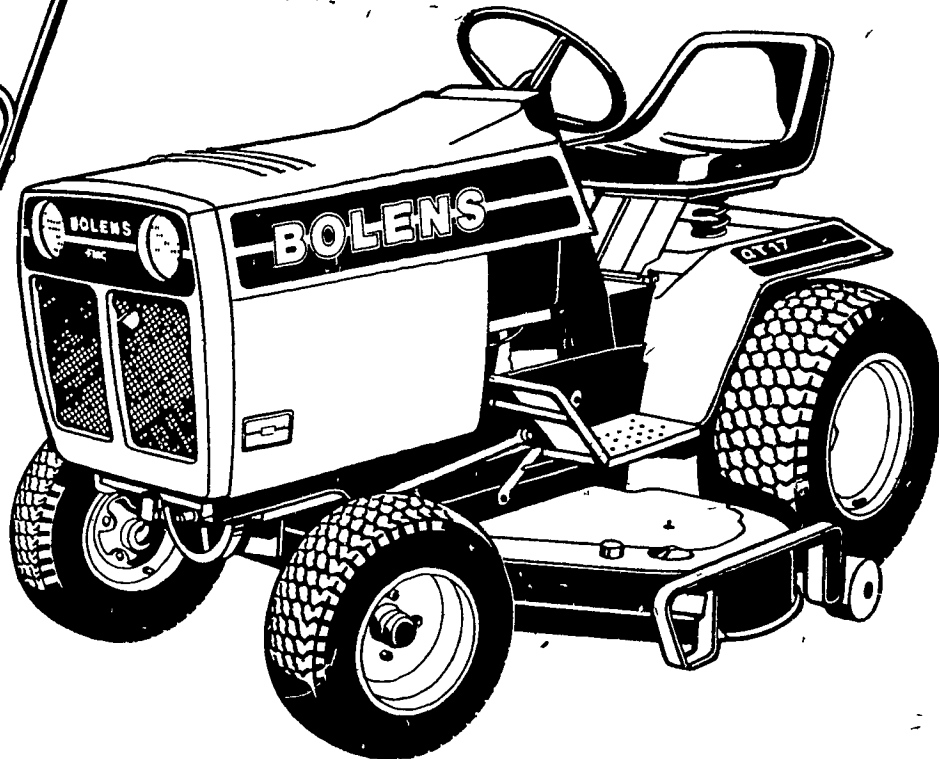
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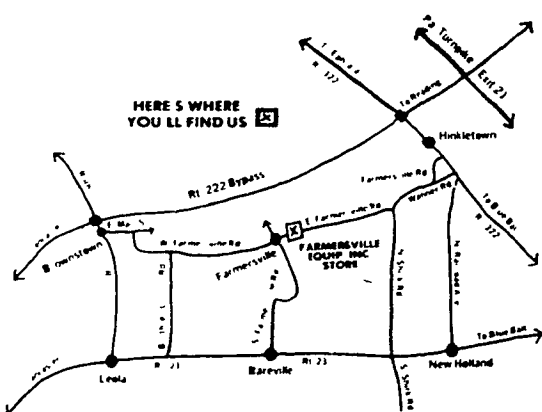


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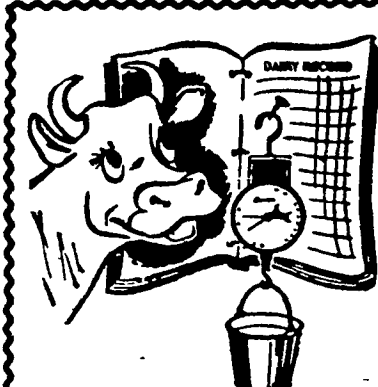
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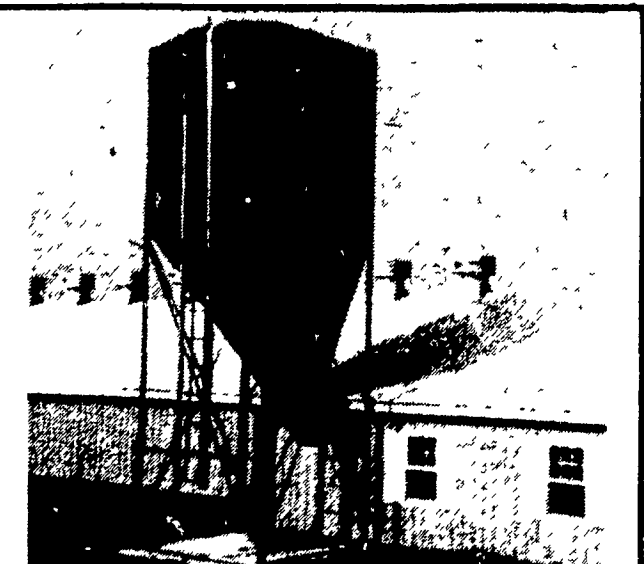
Lancaster County DHIA Monthly Report

February 1979

A registered Holstein cow owned by W. Eugene Witwer, Strasburg R1, completed the highest 305 day lactation. Joyful produced 24,463 lbs. of milk, 1,104 lbs. of butterfat with a 4.5 per cent test. Second high lactation was completed by a registered Holstein cow owned by Tom Zartman, Ephrata R1. She produced 23,289 lbs. of milk, 1,037 lbs. of butterfat with a 4.5 per cent test in 305 days.

The herd of John M. Harnish, 1036 Beaver Valley Pike, Lancaster, had the highest daily butterfat average. This herd of 134 registered and grade Holstein cows averaged 60.0 lbs. of milk, 2.19 lbs. of butterfat with a 3.7 per cent test. The herd of William W. Absher, Peach Bottom R1, placed second. This herd of 10 registered Holstein cows averaged 60.9 lbs. of milk, 2.18 lbs. of butterfat with a 3.6 percent test.

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
W. Eugene Witwer						
Joyful	RH	7-9	305	24,463	4.5	1,104
Tom Zartman						
116	RH	5-7	305	23,389	4.5	1,037
133	RH	5-4	305	22,738	3.3	745
Stephen F. Stoltzfus						
1 Jenny	RH	6-1	305	21,150	4.9	1,042
58 Darin	RH	7-7	305	20,138	4.4	884
Paul H. Martin						
Clara	RH	7-5	305	24,752	4.0	993
Bonnie	RH	6-1	305	24,903	2.9	722
J. Mowery Frey Jr.						
Millie	RH	7-4	305	24,150	4.1	988
Ralinda	RH	5-1	305	21,877	4.3	948
Barbi	RH	4-3	305	17,473	4.6	808
Jay C. Garber						
Nkholly	RH	4-9	305	20,330	4.8	967
Keyarta	RH	8-1	305	17,974	4.1	737
Mjolly	RH	6-1	305	21,128	3.3	703
Nelson H. Wenger						
Flossie	RH	4-10	305	19,834	4.9	962
Alice	RH	5-0	305	21,318	3.9	823
John K. Stoltzfus						
Leader	RH	5-7	305	23,311	4.0	940
Joann	RH	6-6	303	21,714	3.6	790
Karl W. Herr						
Pearl Red & White		3-11	305	23,661	3.9	932
Tritown Farm						
Stella	RH	4-10	305	24,376	3.8	930
Kay	RH	9-3	305	23,247	3.6	845
Citaton	RH	4-4	305	21,429	3.7	789
J. Clayton Charles						
Slim	GrH	5-7	305	22,730	4.1	926
Robert Kauffman Jr.						
Jody	RH	5-0	305	23,415	3.9	922
Dottie	RH	4-0	305	22,974	3.5	794
Val	GrH	3-2	305	15,218	4.7	712



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Gusty Crest Farm									
Joan	RH	5-5	305	25,718	3.5	906			
C. Kenneth Young									
18	GrH	5-2	305	21,519	4.1	884			
John L. Beiler									
Nellie	GrH	5-3	305	21,964	4.0	883			
Ferncrest Farm									
231	RH	5-4	305	19,759	4.5	882			
194	RH	7-9	305	20,969	3.5	736			
Aaron S. Glick & Sons									
25	GrH	5-11	305	21,272	4.1	880			
106	RH	5-2	305	21,580	3.8	811			
31	RH	6-7	305	23,850	3.3	776			
Edgefield Farms									
Pat	RH	3-8	305	24,837	3.5	879			
Cream	RH	4-10	305	20,304	4.0	814			
Clyde W. Martin									
Janet	RH	8-0	305	20,964	4.2	876			
Fern	RH	3-6	305	21,960	4.0	872			
Connie 2	RH	3-9	305	24,557	3.5	849			
Beulah	RH	5-6	305	22,585	3.6	802			
Janie	RH	4-6	305	18,159	4.3	784			
Grace 2	RH	4-2	305	17,651	4.0	702			
Naaman W. Stoltzfus									
Dot	RH	8-9	305	20,603	4.3	876			
Janice	RH	6-11	305	22,528	3.6	804			
Willis M. Martin									
Kelly	RH	4-7	305	18,927	4.6	876			
Terry	GrH	4-4	301	14,937	4.8	712			
Donald R. Bare									
87	RH	9-7	305	21,952	3.9	861			
Snobal	RH	4-10	305	21,116	4.0	848			
Titus B. Stoner									
Apollo	RH	7-2	305	23,460	3.7	860			
John F. Stoltzfus									
Apple	GrH	3-4	305	21,404	4.0	856			
Amos M. Stoltzfus									
Susie	RH	4-5	303	20,821	4.1	852			
Alice	RH	8-3	305	22,352	3.3	739			
Carl G. Troop									
Lucky	RH	5-8	305	21,413	4.0	851			
Paul E. Martin									
Princes	RH	5-11	296	20,083	4.2	847			

Paul N. Brubaker									
46	RH	6-10	305	24,041	3.5	844			
41	RH	8-0	305	22,204	3.4	765			
David K. Stoltzfus									
Keen	RH	4-1	305	20,129	4.2	844			
Bob	RH	4-1	305	19,420	3.7	715			
Russel L. Kline									
Betty	RH	8-0	305	22,727	3.7	841			
Christian G. Becker									
165	GrH	4-10	305	18,350	4.6	839			
Ivan S. Stoltzfus									
Audrey	RH	5-4	305	22,644	3.7	835			
Nelson W. Nolt									
16	RH	2-9	305	18,501	4.5	835			

(Turn to Page 131)

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 - Various feed programs
 - Any other livestock problems
- Management & Accounting
 - (Farm Specialized)
- Consulting (Breeding)
- Estate Planning

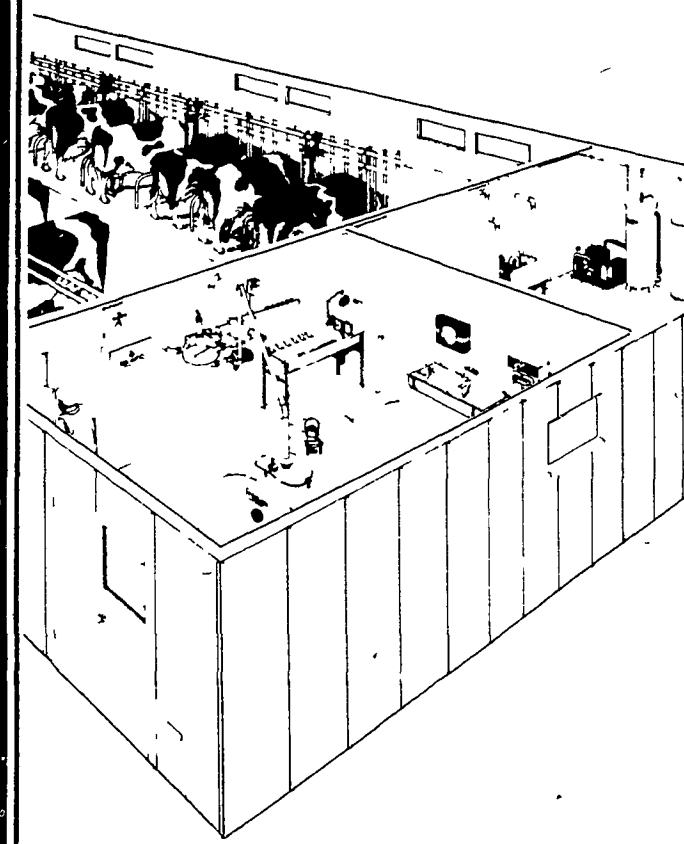
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Lancaster Co. DHIA

(Continued from Page 130)

Earl N. Landis						
Benita	RH	6-4	305	24,791	3.4	831
Luella	RH	5-1	305	20,506	4.0	826
Belinda	GrH	5-5	305	20,806	3.9	807
Christian Zook						
June	RH	4-8	305	21,277	3.9	830
Posie	GrH	5-9	305	21,213	3.7	778
Vicky	RH	6-3	305	20,836	3.6	751
Tulip	RH	2-11	305	20,086	3.6	723
Ephraim D. Riehl Jr.						
Lila	GrH	5-5	305	21,560	3.8	827
Jenifer	RH	4-3	305	15,962	4.6	733
Richard N. Sauder						
Piebe	RH	6-7	305	23,454	3.5	826
John Z. Beiler						
Phoebe	RH	5-1	305	24,849	3.3	825
Samuel F. Long						
Kay	RH	5-2	305	19,096	4.3	823
Bonnie	RH	5-5	305	21,147	3.8	807
C. Nevin Hershey						
Tillie	RH	4-10	305	23,278	3.5	819
Stacy	RH	3-3	305	21,840	3.3	721
Long Acres Farm						
35	GrH	4-4	305	21,522	3.8	817
115	GrH	2-3	305	20,741	3.4	705
John M. Weaver & Son						
81	GrH	4-10	305	20,125	4.1	816
42	GrH	5-9	305	19,306	3.8	734
George M. Hurst						
Vell	RH	9-11	305	19,674	4.1	816
Rowdsal	RH	7-6	278	17,652	4.0	704
Lester M. Weaver						
45D	RH	6-1	305	21,810	3.7	812
105B	RH	4-7	305	21,493	3.6	764
John M. Harnish						
Gretchn	RH	4-8	305	17,888	4.5	810
Gretta	RH	7-0	299	18,183	4.2	763
Portia	RH	3-7	305	22,718	3.1	711

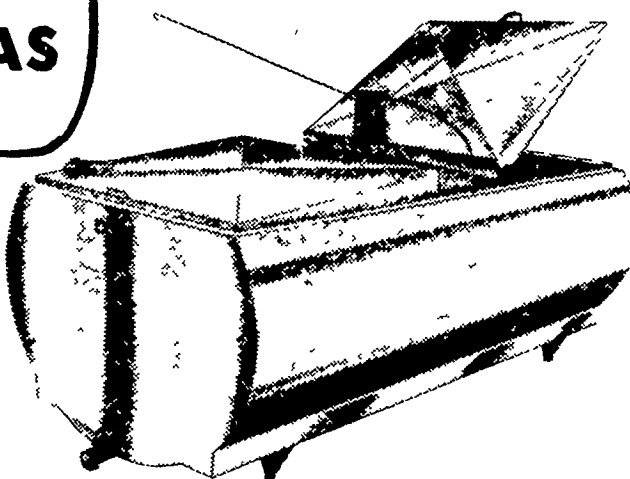
John S. Wenger						
50 Jenn	RH	3-1	305	16,137	5.0	810
J. Carl Zander						
Kora	RH	7-5	305	20,342	4.0	807
Neff Brothers						
Kit	RH	6-0	305	21,084	3.8	806
Nutmeg	GrH	8-8	305	17,518	4.3	759
Whitie	GrH	8-9	305	20,172	3.7	749
J. Robert Metzler & Son						
Bonnie 1	RH	6-3	305	19,581	4.1	802
Allen Lee Stoltzfus						
Eclipse	RH	5-2	305	18,288	4.4	801
Shirley	RH	9-6	290	19,982	3.7	736
Verna	RH	3-0	305	18,592	3.9	718
Noah Kreider & Sons						
261 B	GrH	4-2	305	22,097	3.6	797
R. Edwin Harnish						
23	GrH	3-2	305	21,854	3.6	796
Alvin M. Martin						
48	GrH	6-5	305	19,618	4.0	791
61	GrH	7-3	305	23,162	3.4	776
Kenneth B. Garber						
Connie	RG	5-2	305	14,073	5.6	789
Benuel S. Stoltzfus						
Mamie	GrH	5-5	305	21,263	3.7	788
Diana	RH	4-6	282	17,708	4.1	719
Lewis E. Bixler & Son						
Jackie	RH	4-4	305	18,696	4.2	785
Elam B. Rutt						
Patty	RH	3-10	305	19,662	4.0	782
TeeHee	RH	3-1	305	18,144	3.9	713
Nora	RH	3-7	305	17,614	4.0	707
Clair M. Hollinger						
Alma 125	RH	8-3	305	20,124	3.9	779
Ben S. Stoltzfus						
Della	RH	8-7	305	20,117	3.9	775
Elam F. Lapp						
Carol	GrH	5-5	305	19,529	4.0	774
Ellis D. Kreider						
Opal	RH	4-8	305	19,773	3.9	773

Lancaster Farming, Saturday, March 31, 1979-131

Martin N. Heisey						
18 Milky	RH	5-10	305	21,065	3.7	772
Abraham S. King						
Lottie	RH	3-7	305	20,562	3.7	771
J. Wilmer Eby						
Anna	RH	5-8	305	18,606	4.1	769
John M. Zimmerman						
17	GrH	6-8	305	18,643	4.1	768
30	GrH	6-8	305	18,418	4.0	730
David L. King						
Tomato	GrH	8-7	295	18,232	4.2	768
Gordon L. Sangrey						
Daff	RH	4-6	305	20,914	3.7	767
J. Robert Kindig						
Laura	RH	5-3	305	17,974	4.3	767
Petula	RH	4-6	305	19,067	3.9	749
S. Lady	RH	3-5	305	15,730	4.6	716
John Omar Stoltzfus						
Gerald	RH	9-2	305	19,463	3.9	766
J. Rohrer Witmer						
Dona	RBrSw	6-9	305	16,501	4.6	765
Britain Acres Farm						
123	RH	5-6	305	26,254	2.9	764
Ephraim S. Stoltzfus						
Ray	GrH	4-2	305	19,409	3.9	764
John K. Peters						
Pego	RH	4-2	305	17,505	4.4	763
David L. Landis						
Emily	GrH	3-2	305	19,137	4.0	761
Daniel M. Stoltzfus						
Zinnia	GrH	5-4	305	21,609	3.5	759
Galen W. Crouse						
Vicky	RH	2-5	305	21,581	3.5	759
James F. Brubaker						
Vjudt 84	GrH	7-3	305	16,150	4.7	756

(Turn to Page 132)

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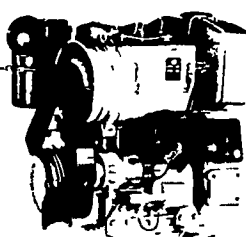
375 gal. DeLaval
2-500 gal. Milkeeper

425 gal. Esco-
350 gal. Esco

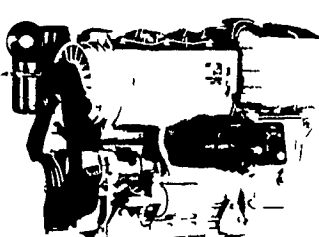
400 gal. Dari-Kool
600 gal. Mojonni **SOLD**

800 gal. Jamesway
500 gal. Jamesway

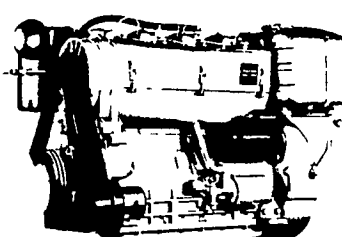
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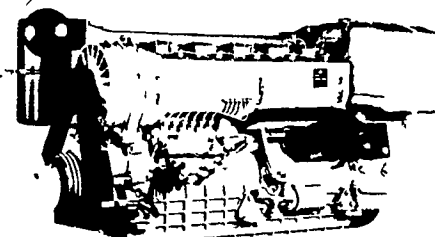
2800 R.P.M.
44 SAE HP
40 DIN HP



2800 R.P.M.
66 SAE HP
60 DIN HP



2800 R.P.M.
88 SAE HP
80 DIN HP

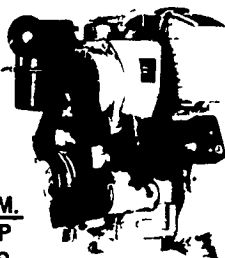


2800 R.P.M.
132 SAE HP
120 DIN HP



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20 DIN HP



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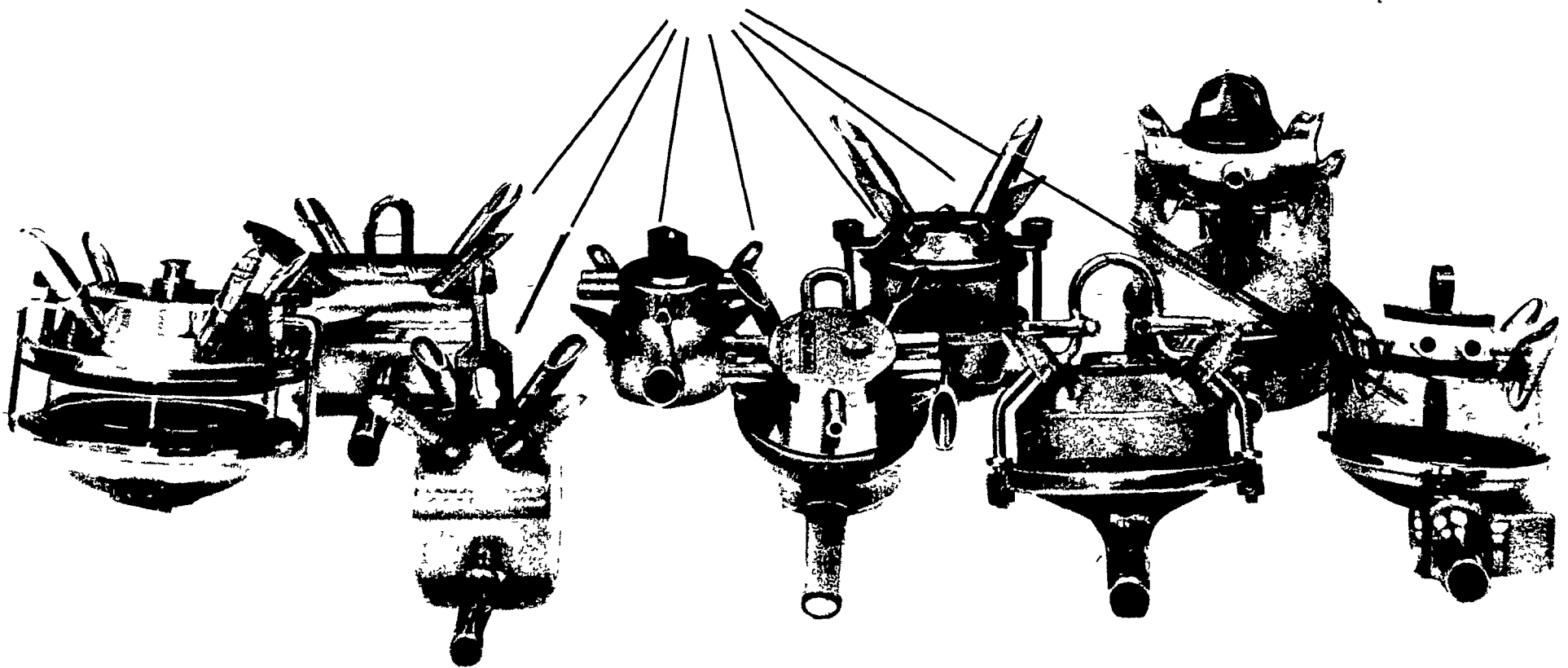
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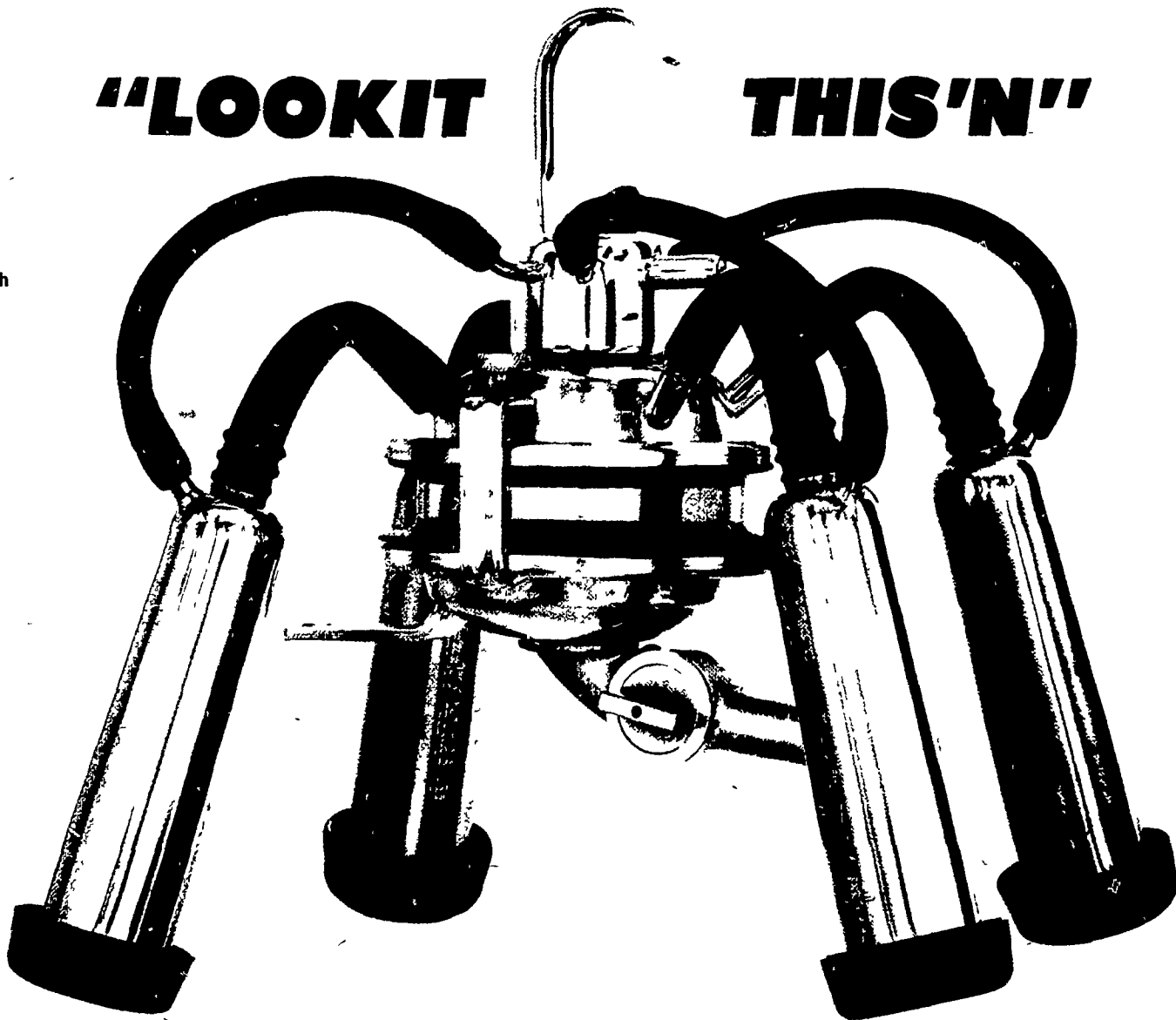
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Lancaster Co. DHIA

(Continued from Page 132)

Robert L. Shelly R&GrH	30	35.0	94.2	53.6	3.9	2.08
Weidler Grube R&GrH	30	21.6	93.8	53.2	3.9	2.06
David L. Landis R&GrH	29	70.5	94.5	51.6	4.0	2.04
Allen Lee Stoltzfus RH	29	33.0	87.9	53.9	3.8	2.04
P. Robert Wenger RH	31	32.0	96.5	53.2	3.8	2.03
J. Wilmer Conrad R&GrH	28	38.5	88.1	49.4	4.1	2.02
Robert Kauffman Jr. R&GrH	28	92.1	86.8	50.1	4.0	2.02
Harry L. Troop RH	30	49.5	91.2	52.3	3.8	2.00
Stephen F. Stoltzfus R&GrH	22	33.7	92.8	55.5	3.6	1.99
Samuel W. Martin R&GrH	29	33.0	100.1	51.6	3.9	1.99
George W. Hurst R&GrH	29	52.0	95.6	54.0	3.7	1.98
W. Eugene Witwer RH	25	24.0	88.2	54.8	3.6	1.98
John F. Petersheim R&GrH	32	37.0	92.4	53.4	3.7	1.98
John F. Stoltzfus R&GrH	29	38.0	88.8	50.8	3.9	1.98
Maurice F. Welk R&GrH	31	37.0	89.5	51.7	3.8	1.98
Paul N. Brubaker R&GrH	31	70.5	90.5	52.5	3.7	1.96
Allan R. Shoemaker RH	31	47.0	86.8	53.8	3.6	1.96
Ben K. Stoltzfus R&GrH	29	33.0	84.7	50.8	3.9	1.96
Jacob S. Stoltzfus R&GrH	28	42.0	91.3	55.6	3.5	1.96
J. Mowery Frey Jr. R&GrH	29	87.4	87.1	51.7	3.8	1.95
Edgefield Farms R&GrH	32	89.9	85.7	49.6	3.9	1.94
Shadytop Farm R&GrH	31	38.1	95.4	54.5	3.6	1.94
John U. Glick RH	24	46.0	94.9	48.1	4.0	1.94
John M. Weaver & Son Mix	27	84.7	87.5	50.9	3.8	1.94
Melvin J. Martin RH	29	34.5	88.3	50.4	3.8	1.92
Daniel M. Stoltzfus R&GrH	26	45.0	90.4	53.3	3.6	1.92
Richard N. Sauder R&GrH	35	32.5	90.2	47.8	4.0	1.91
John K. Peters R&GrH	31	46.4	88.2	48.8	3.9	1.91
LeRoy K. King R&GrH	38	29.9	91.2	54.3	3.5	1.91
Bruce H. Hershey Mix	29	55.6	90.0	48.3	3.9	1.90
Christian Zook R&GrH	39	45.5	81.9	49.5	3.8	1.90
Earl R. Hursh R&GrH	34	45.2	86.8	54.6	3.5	1.89
Sunny Craft Farm RH	28	30.9	93.1	46.6	4.1	1.89
Gordon L. Sangrey R&GrH	29	41.9	82.2	49.2	3.8	1.89

Paul D. Welk R&GrH	29	66.3	85.2	50.0	3.8	1.89
J. Wade Groff R&GrH	32	45.0	93.7	45.8	4.1	1.88
John U. Stoltzfus R&GrH	22	35.6	88.0	49.9	3.8	1.88
Quarryville Presbyterian Home & David Weaver R&GrH	36	44.5	88.2	48.5	3.9	1.88
Tritown Farm RH	36	32.0	84.4	52.9	3.6	1.88
Samuel F. Long Mix	32	53.9	93.4	50.7	3.7	1.88
Jacob Speicher Jr. R&GrH	36	33.6	90.0	53.6	3.5	1.88
Nelson W. Nolt R&GrH	30	56.1	82.7	51.2	3.7	1.87
Earl R. Martin R&GrH	36	47.5	86.1	46.8	4.0	1.87
Kenneth D. Myer Mix	25	68.2	92.0	47.3	4.0	1.87
Ray P. Bollinger R&GrH	33	47.2	95.6	47.7	3.9	1.86
Ben S. Stoltzfus R&GrH	30	44.1	91.8	47.0	4.0	1.86
Samuel K. Stoltzfus R&GrH	29	39.2	84.8	52.6	3.5	1.86
Ellis D. Kreider R&GrH	36	53.8	89.6	48.6	3.8	1.85
Andrew G. Miller R&GrH	36	39.8	89.3	46.2	4.0	1.85
Nelson H. Wenger RH	29	42.5	87.6	49.2	3.8	1.85
John Z. Beiler RH	31	44.8	86.4	58.6	3.2	1.85
Gerald Martin RH	34	43.2	94.1	50.3	3.7	1.84
Ivan Zook Mix	35	63.1	88.7	47.3	3.9	1.84

M. Irvin Eberly R&GrH	30	31.0	93.9	47.0	3.9	1.84
J. Wilmer Eby R&GrH	28	64.2	86.0	51.4	3.6	1.84
Jonas O. Sensenig R&GrH	31	39.6	87.0	51.5	3.6	1.84
Alvin M. Martin R&GrH	40	41.7	83.3	45.1	4.1	1.84
Nelson E. Martin RH	32	49.0	89.7	48.4	3.8	1.83
J. Earl Horst R&GrH	25	40.3	83.7	45.9	4.0	1.83
J. Robert Kindig R&GrH	31	55.9	88.2	46.0	4.0	1.83
Donald R. Bare RH	33	57.8	85.1	48.2	3.8	1.83
John Omar Stoltzfus R&GrH	36	43.0	82.4	44.9	4.1	1.83
Stephen L. Esh R&GrH	35	29.0	89.9	51.1	3.6	1.83
Hiram S. Aungst R&GrH	27	45.8	87.4	54.0	3.4	1.82
Earl E. Martin RH	25	42.6	86.2	47.1	3.9	1.82
Harry H. Ranck Jr. RH	30	47.8	90.1	48.0	3.8	1.82
Daniel J. Martin RH	29	20.0	91.4	46.9	3.9	1.82
Paul S. Horning R&GrH	31	55.3	84.7	48.1	3.8	1.82
Abraham Shelly Jr. R&GrH	28	39.1	84.7	49.9	3.6	1.82
Parke H. Ranck RH	31	59.8	84.7	46.0	3.9	1.81
Earl Smoker R&GrH	33	38.8	99.4	51.4	3.5	1.81

(Turn to Page 135)

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Hay, Straw & Ear Corn Sale - 12:00 Noon.All Dairy & Heifers must be
eligible for Pennsylvania Health Charts.For arrangements for special sales or herd
dispersals at our barn or on your farm, contact

Abram Diefenbach, Mgr.

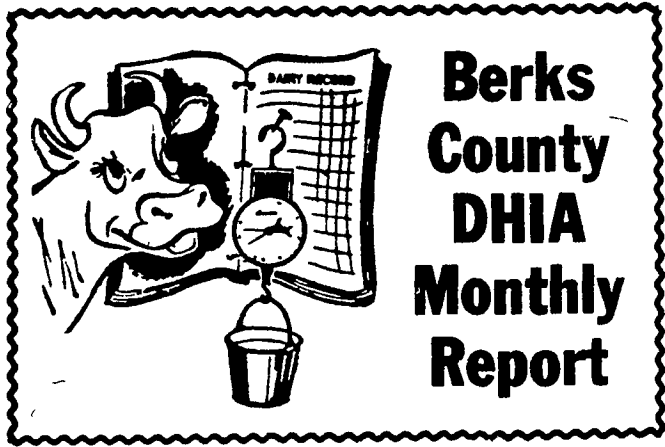
717-354-4341

OR

Norman Kolb
717-397-5538

HEIFERS

BULLS



Berks County DHIA Monthly Report

FEBRUARY 1979

The top cow in the Berks County DHIA program for lactations completed last month is No. 95 in the Robert Kopfer herd. A 4-year old, she produced 22,379 pounds of milk and 1077 pounds of butterfat.

OWNER BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Charles R. Kissling 3	50.4	93.8	59.8	3.8	2.29
Andrew D. Stoltzfus B3	96.3	88.4	57.1	3.9	2.21
Charles Plushanski 3	96.1	91.6	52.9	4.1	2.17
David P. Herbert 3	50.3	92.6	55.8	3.8	2.11
Charles Plushanski 3	99.6	89.3	51.5	4.1	2.09

Robert E. Kopfer B3	35.0	91.0	53.2	3.9	2.08
F M Browns Sons, Inc. B3	89.4	90.5	59.0	3.4	2.03
Stephen J. Janos 3	32.0	82.9	52.1	3.9	2.03
George E. Seidel 3	20.0	89.6	53.7	3.8	2.02
Harold & George Schuler 3	39.3	89.1	50.3	4.0	2.00
Robert T. Bowman B3	39.7	90.3	51.5	3.9	1.99
Barry L. Burkholder B3	47.0	91.2	51.8	3.8	1.99
George S. Troutman Jr. B3	58.4	94.7	54.9	3.6	1.99
Glen Mar Farm B3	63.3	89.8	51.9	3.8	1.98
Donald M. Meyers 3	61.1	96.3	49.7	4.0	1.97
Russell K. Dietrich 3	79.0	94.1	52.3	3.8	1.97
Ray E. Bicksler B3	41.1	87.1	51.6	3.8	1.95
Louis E. Moyer B3	31.2	97.2	51.2	3.7	1.90
Junge Farms 3	39.0	84.7	52.8	3.6	1.90
Roger S. Buch 3	48.6	87.9	50.4	3.7	1.87
R. R. Troutman & Sons B3	106.7	87.3	48.2	3.9	1.86
Daniel J. Harnish B3	78.9	87.1	47.9	3.9	1.85

Lancaster Farming, Saturday, March 31, 1979—135

Jaimore Farm B3	55.7	94.2	42.7	4.3	1.83
Robert Sittler B3	39.6	95.6	54.8	3.3	1.83
BRB Farm B3	47.6	93.0	48.1	3.8	1.82
Robert Yanos B3	49.1	93.5	47.9	3.8	1.81
Kenneth L. Stutzman B3	40.3	83.5	42.8	4.2	1.79
Daview Farm B3	37.1	84.1	43.2	4.1	1.79
Ernest O. Miller B3	151.4	88.4	46.8	3.8	1.79
Swatara Dairy Farm B3	81.7	85.5	43.4	4.1	1.77
Ontelynn Acres B3	96.0	92.0	44.2	4.0	1.77
Robert L. Sattazahn B3	104.7	93.5	46.9	3.8	1.76
Keith E. Hertzog B3	43.0	89.4	48.8	3.6	1.75
Leroy E. Howard B3	128.0	90.6	46.0	3.8	1.74
Donald B. Duncan B3	84.8	87.9	40.8	4.3	1.74
George E. Moyer B3	80.7	85.4	41.2	4.2	1.74
Roy Y. Stoltzfus B8	83.9	94.0	36.7	4.7	1.73

(Turn to Page 136)

Lancaster Co. DHIA

(Continued from Page 134)

Paul N. Brubacher R&GrH 24	61.2	92.0	46.3	3.9	1.81
Meadow Vista Farm R&GrH 41	132.1	88.9	50.0	3.6	1.81
Omar S. Kauffman R&GrH 31	37.1	83.7	48.5	3.7	1.81
Ivan S. Stoltzfus RH 27	43.4	84.2	43.7	4.1	1.80
Fred Crider R&GrG 27	57.7	84.9	39.5	4.6	1.80
R. Edwin Harnish R&GrH 30	43.7	82.9	45.3	4.0	1.80
Donald B. Trimble Mix 31	35.0	90.8	46.1	3.9	1.80
Steve M. Stoltzfus R&GrH 32	24.1	91.7	47.0	3.8	1.80
Calvin D. Beiler R&GrH 31	45.6	91.4	45.8	3.9	1.79
J. Nelson Sangrey R&GrH 31	35.6	81.9	47.6	3.8	1.79
C. Dale Bollinger R&GrH 34	47.1	91.1	50.4	3.6	1.79
Neff Brothers R&GrH 29	55.6	86.5	48.0	3.7	1.79
J. Carl Zander R&GrH 27	37.0	88.0	44.8	4.0	1.79

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One of the biggest advantages National Central can offer you is personal service — local contact through local offices. We have 57 offices throughout Southcentral Pennsylvania farm areas. So there's one close to you. You probably know your local National Central manager. He's a neighbor, a friend. He knows banking, he appreciates the financial demands in farming, and he's backed up by a seasoned agri-finance department.

Most importantly, when you ask to see him, he's willing to come to you. And he'll work along with you to establish an individual credit position so that you can go about your business, knowing the money is there when you need it. You'll find trust. You'll find experience. You'll find a friend at National Central Bank.



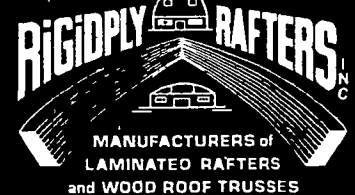
William H. Gerhart, Rt. 663, R.D. 1, Gilbertville and Larry Rush, Branch Manager, Boyertown



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OAKLAND RD2, Maryland 21550

Berks County DHIA

(Continued from Page 135)

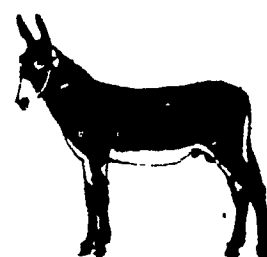
Donald E. Landis	3	127.8	92.4	42.6	4.1	1.73
Leonard G. Stoltzfus	B8	85.0	90.7	51.6	3.4	1.73
E. Daniel Leatherman	B3	57.4	95.2	44.6	3.9	1.73
Thomas Wisser	B3	23.7	90.1	44.5	3.9	1.73
Zahncroft Farm	B3	47.6	85.0	50.2	3.4	1.72
Kenneth Zook	B8	38.6	92.2	51.5	3.3	1.72
James G. Stutzman	B3	42.2	89.1	47.7	3.6	1.72
Charles D. Meyer	B3	114.7	85.2	44.1	3.9	1.72
Vista Grande Farm	3	92.2	80.2	45.4	3.8	1.71
Ralph G. Sanner	B3	62.0	86.1	45.2	3.8	1.71
Yost Brothers	B3	124.9	85.7	45.5	3.8	1.71
Blue Mtn. Academy	B3	110.1	95.5	44.8	3.8	1.70
Rodger L. Wagner	B8	117.9	92.7	43.7	3.9	1.69
Richard W. Hoppes	B3	60.8	85.7	44.3	3.8	1.69
Ray W. Seidel	B3	33.4	91.2	44.5	3.8	1.68
William C. Adams	B3	70.9	83.2	38.3	4.4	1.68
Mervin Brubaker	B3	65.2	84.6	44.5	3.8	1.68
J D Rosenbaum & Son	B3	78.3	89.5	44.0	3.8	1.68
Joseph F. Walters	B3	51.4	97.3	47.5	3.5	1.68
Clarence B. Kulp	B3	63.7	85.3	50.9	3.3	1.67
Nevin E. Mast	B3	45.5	85.3	48.5	3.4	1.67
Norman Z. Nolt	B8	36.0	89.3	46.6	3.6	1.67
Oscar Kleinsmith	B3	31.0	83.5	45.1	3.7	1.67
Scattered Acres Inc.	B8	101.8	84.5	46.9	3.5	1.66
Retland Farm	B3	47.6	88.0	42.1	3.9	1.66
Bruce Fegely	B3	35.0	88.5	45.5	3.6	1.66
Pine Brook Farm	B3	93.0	87.2	43.5	3.8	1.65
Scattered Acres Inc.	B8	100.2	82.3	44.8	3.7	1.65

Ker Min Farms	B8	70.6	90.6	40.3	4.0	1.63
Randy Reppert	B8	40.9	86.0	43.4	3.8	1.63
Ralph C. Richard	3	85.0	89.1	40.9	4.0	1.62
Glenn B. Gockley	G3	27.0	80.2	41.1	3.9	1.61
Starborn Holsteins	B8	63.5	96.2	40.2	4.0	1.61
Way Har Farms	B3	108.7	86.9	44.6	3.6	1.60
Ronald L. O'Neil	G3	49.3	88.2	42.6	3.8	1.60
Robert E. Kieffer	B8	61.4	96.4	43.5	3.7	1.59
Alfred E. Schmidt	3	50.2	92.7	39.4	4.0	1.59
Harold G. Heck	3	71.3	81.6	43.9	3.6	1.59
Frank G. Gromlich	B3	62.7	89.7	39.7	4.0	1.59
Arthur D. Schlappich	B3	60.1	79.9	43.6	3.6	1.59
Harvey C. Krill Jr.	G8	37.5	93.3	39.8	4.0	1.59
Raymond A. Seidel	3	37.2	82.2	40.4	3.9	1.58
Hylark Farm	3	73.9	90.5	40.9	3.9	1.58
Glenn B. Gockley	G3	27.2	78.2	39.6	3.9	1.56
J. Hershey Myer	B3	44.3	81.1	40.8	3.8	1.55
Wilmer Dreibelbis	B3	54.0	87.0	41.6	3.7	1.55
Charles W. Lamm	B3	80.0	87.6	37.2	4.2	1.55
Larry L. Mertz	B3	96.3	85.1	39.8	3.9	1.55
Eleanor K. Siegfried	B3	59.8	88.6	39.2	3.9	1.54
Daview Farm	B3	38.2	83.8	39.0	3.9	1.54
George E. Seidel	1	27.0	90.7	36.2	4.3	1.54
Horace Hoffman	G8	47.0	94.3	38.3	4.0	1.53
Clarence E. Kreider	B8	69.2	86.7	38.7	4.0	1.53
Clarence E. Kreider	B8	69.5	85.4	39.7	3.9	1.53
J. Merle Stutzman	G3	36.5	88.7	48.7	3.1	1.52
Ernest C. Hoffman	3	54.8	86.2	41.5	3.6	1.50
Irvin M. Martin	B3	45.0	84.9	42.6	3.5	1.50
Elmer Zeiset	B3	70.1	83.4	40.3	3.7	1.50

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
David P. Herbert					
Eulalee	H	3-2	305	17,464	677
Eleanor K. Siegfried					
Empress	H	4-0	305	19,762	666
Shela	H	3-7	305	18,718	726
Ralph C. Richard					
Shelley	H	6-8	291	19,391	802
6Delt	H	3-7	305	18,942	653
Leroy E. Howard					
Boots	H	10-1	305	19,661	706
Roberta	H	9-3	305	18,699	751
Oriel	H	5-5	305	22,199	789
Ida	H	4-7	305	17,399	697
Jenika	H	4-3	305	20,820	676
Olve	H	5-5	305	21,839	683
Ro Ria Farms					
#727	H	8-11	305	18,090	694
Show Top Farms					
Margo	H	5-6	305	18,892	696
King	H	3-9	305	17,782	695
Janet	H	3-2	305	18,071	701
Mel	H	2-8	305	18,886	680
P Kate	H	6-8	305	19,889	694
Zahncroft Farm					
Lizzy	H	5-7	289	20,616	683
Jill	H	5-3	305	20,217	834
Penstar	H	7-8	305	20,791	761
J. Hershey Myer					
Pat	H	4-7	305	16,994	741

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MAMMOTH JACK STUD SERVICE



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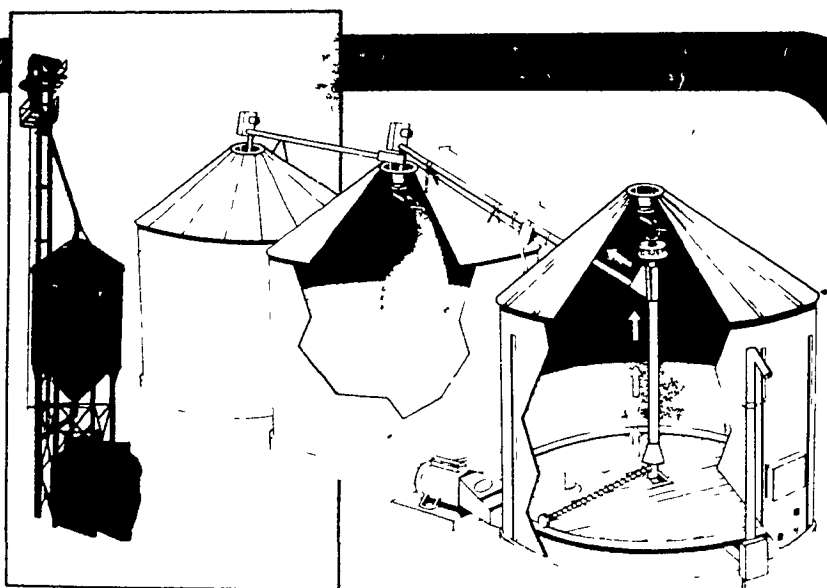
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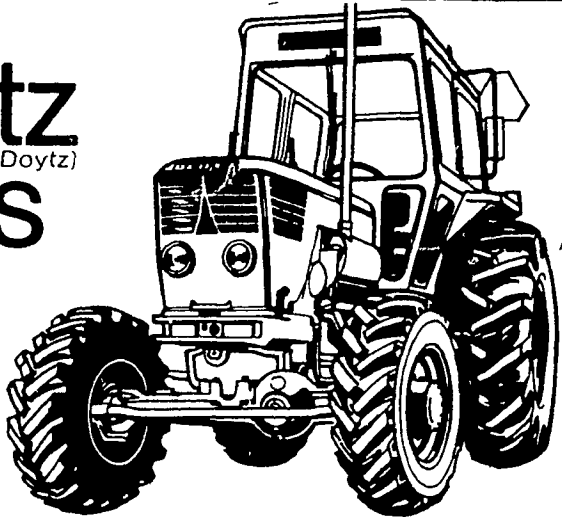
Roger S. Buch					
Schnook	H	6-2	305	21,643	709
Vista Grande Farm					
Iris	H	5-10	305	17,195	658
John F. Snyder					
Bertha	H	9-9	305	19,632	764
Mark	H	6-7	305	21,150	664
Rodger W. Wagner					
#92	H	6-5	305	19,673	706
#139	H	4-6	305	21,474	766
#164	H	5-2	305	18,854	667
#169	H	4-6	305	23,419	780
#175	H	3-10	305	22,165	848
#177	H	4-5	305	19,016	757
#178	H	3-8	305	20,919	751
#197	H	5-9	305	24,743	864
Linden Loch Holstein					
#55	H	4-3	305	23,473	764
#153	H	6-2	305	19,510	816

Pine Brook Farm					
#95	H	4-5	305	18,273	690
#94	H	3-5	305	18,422	724
Charles W. Wagner					
Jingle	H	3-3	305	19,342	708
Donald B. Duncan					
#57	H	6-9	305	17,032	737
#65	H	6-8	296	17,561	734
#37	H	4-7	305	22,347	993
#11	H	4-2	305	16,894	696
#42	H	3-9	282	17,282	673
#5	H	3-1	305	15,919	744
Charles R. Kissling					
Nellie	H	8-5	288	16,730	772
Emily	H	8-4	305	23,620	986
Betsy II	H	6-5	305	24,257	979
Lynn E. Stoudt					
#3	H	7-8	305	18,695	663
Ernest E. Heckman					
Fern	H	5-7	305	16,498	652
Donald E. Landis					
#136	H	4-3	305	22,459	745
Ralph G. Sanner					
Hedy	H	9-7	305	15,158	767
Fran	H	6-11	305	22,877	813
Dora	H	6-7	300	19,884	712
Daisy	H	6-2	305	21,222	667
Charles W. Lamm					
Nellie	H	6-5	305	18,267	777
Mervin M. Stauffer					
#41	H	5-3	305	18,471	683
#10	H	5-7	305	17,440	688
#14	H	5-0	305	16,910	664
Leonard G. Stoltzfus					
Lenora	H	5-0	305	21,086	688
Holly	H	2-7	305	18,883	671
Love BD	H	2-3	305	16,980	803
Lou	H	2-9	305	17,624	686
Loris	H	2-4	305	18,965	687
Kenneth Zook					
#1	H	6-2	305	22,147	685
#62	H	5-5	305	20,767	670
Ker Min Farms					
Tide	H	6-3	305	18,672	692
Terri	H	6-3	305	20,708	759
Mitzi	H	8-9	305	19,054	699
Charles Plushanski					
Claribl	H	6-9	301	18,754	667
Opal	H	6-7	305	21,287	972
Quay	H	4-10	305	18,007	705
Pam	H	4-6	305	20,793	858
Leona	H	4-2	305	17,542	717
Tracy	H	4-5	213	20,726	681
Ginny	H	3-0	305	21,272	850

Gentle	H	3-8	305	16,900	767
Helen	H	4-6	305	20,171	736
Ruth	H	3-9	305	19,457	784
Trixie	H	2-2	305	19,271	699
James G. Stutzman					
Melody	H	5-3	305	19,153	716
Ginny	H	5-10	305	17,785	660
Swatara Dairy Farm					
#14	H	3-1	305	17,596	671
Kenneth L. Stutzman					
Rhoda	H	8-7	305	18,383	704
Kate	H	4-7	305	19,356	663
Ballary	H	4-9	305	22,709	820
Naomi	H	4-5	305	20,709	708
Way Har Farms					
#12	H	6-6	305	21,107	657
#32	H	4-2	305	20,080	655
#16	H	3-4	305	19,656	657
#20	H	3-4	305	21,827	656
#31	H	3-2	305	18,167	702
#100	H	5-0	305	17,540	772
F. M. Browns Sons Inc.					
#69	H	2-3	305	19,638	672
Ralph & John C. Blatt					
Betty	H	6-0	305	17,528	685
Stephan J. Janos					
Matilda	H	4-1	305	21,865	852
Andrew D. Stoltzfus					
Jody	H	6-6	305	24,572	796
Boots	H	5-0	305	21,519	936
Beulah	H	5-2	305	22,851	873
William C. Adams					
Cathy	H	9-0	305	15,295	650
R.R. Troutman & Sons					
Willo	H	3-1	300	20,907	669
Candy	H	5-6	305	20,570	670
Pony	H	2-2	305	17,636	662
Martha	H	2-1	305	21,415	662
Lukena	H	5-6	293	17,937	673
Grady	H	8-4	305	16,542	682
Mervin Brubaker					
Blaky30	H	5-2	285	19,154	875
Matt 17	H	5-8	305	22,637	880
George E. Moyer					
35Crstl	H	4-5	305	16,813	722
Harry P. Shaak					
#289	H	6-2	305	17,707	662
Earl R. Hafer					
#167	H	6-5	305	19,882	686
J. D. Rosenbaum & Son					
#17	H	3-11	305	16,768	650
Jaimore Farm					
#11	H	4-6	305	18,155	762

(Turn to Page 138)

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(say Doytz)
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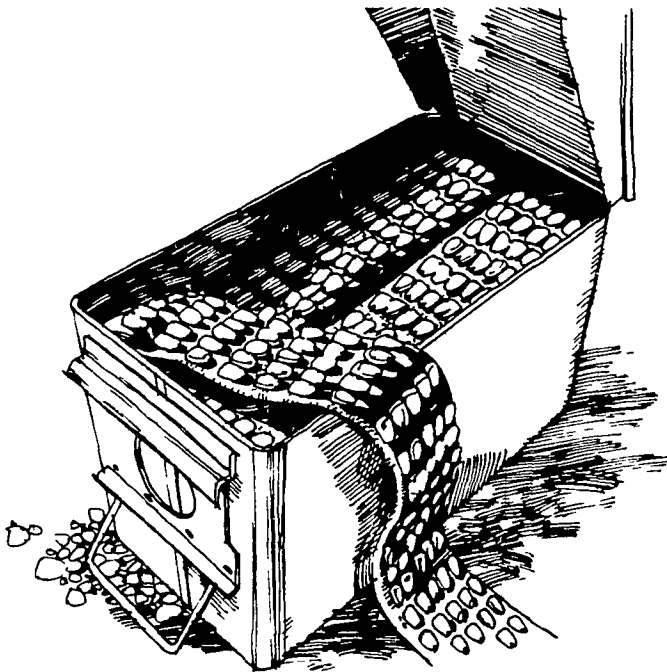


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LANDISVILLE, PA. 17538

Berks County DHIA

(Continued from Page 137)

Ray E. Bicksler					
Honey	H	4-7	305	18,486	735
Prilly	H	3-2	303	21,260	777
Clarence B. Kulp					
#19	H	8-6	305	17,869	719
Raymond A. Seidel					
Smiles	H	6-6	299	17,258	659
Harold & Geo. Schuler					
Emily	H	4-5	297	16,784	696
Russell K. Dietrich					
Kathy	H	7-5	305	16,855	668
Sparkle	H	4-5	305	20,752	767
Junge Farms					
Ignatia	H	2-3	305	21,731	765
Scattered Acres, Inc.					
#90	H	7-1	305	18,867	656
#89	H	5-1	301	17,196	735
#131	H	4-3	305	20,214	760
Arthur D. Schlappich					
#26	H	6-5	305	16,865	746
Raymond B. Nolt					
#33	H	8-6	305	18,126	661
Robert T. Bowman					
Lana	H	4-5	305	18,832	712
E. Daniel Leatherman					
Theresa	H	4-5	305	18,608	657
Glen Mar Farm					
#17	H	5-0	305	18,337	837
Elevatn	H	2-8	305	22,217	911
Retland Farm					
#6	H	7-5	304	21,821	770
#25	H	5-4	305	20,410	723
Philip & Tom Werley Jr.					
#29	H	5-4	305	17,985	703
#42	H	5-5	305	21,089	742
#139	H	4-5	305	19,903	811
Robert E. Kopfer					
#16	H	4-5	305	27,527	992
#95	H	4-5	305	22,379	1077
Elmer Zeiset					
#11	H	7-5	305	20,076	669
George E. Seidel					
Alma	A	6-2	294	15,633	687
Princes-	A	4-5	305	21,402	793
Harvy M. Weaver					
#39	H	3-3	305	21,081	731
George S. Troutman, Jr.					
Ann	H	6-6	305	21,805	741
Toni	H	6-2	305	25,959	710
Rosie	H	4-5	305	26,867	748
Yost Brothers					
Bonetta	H	9-10	305	16,415	672
#190	H	4-6	282	17,897	711
#176	H	2-9	305	16,703	673
#200	H	2-7	305	19,012	698

Soybean fields more prone to erosion

NEWARK, Del. — With favorable soybean prices in the picture for 1979, soybean acreage may well increase. In some cases farmers may plant beans on land that might not or should not otherwise be tilled. Soybeans have a loosening effect on soils and thus can lead to serious erosion problems on some of this land unless precautions are taken, warns University of Delaware Extension agronomist Dr. William Mitchell.

The soil-loosening effect of the soybean is related to its tap root system and the ease and quickness with which both root and top growth decompose, explains the agronomist. The plant is relatively high in nitrogen, which makes it an ideal food supply for the soil microorganisms which are largely responsible for converting it to humus. As a result, soybean straw or dead top growth doesn't

provide the protective soil cover or the soil binding qualities associated with corn stover and roots. Because of this the soil is easily worked, but it is also easily dislodged by wind and water.

Erosion is less likely to occur on large, level fields than it is on portions of fields next to streams where the slope increases and runoff is encouraged by the lay of the land. These fields are especially difficult to manage if the topography is irregular as it is around some of the fingers of land in eastern Kent county, for example. In such cases it is almost impossible to avoid having some of your rows oriented up and down the slope.

Fields like these have suffered from erosion for decades, and in recent years some have been retired because of lack of topsoil and lost fertility. Now, with a better price and demand picture for soybeans, some

of this land will go back into cultivation.

When this happens, Mitchell urges growers to consider some of the practical ways to hold the soil in place in these highly vulnerable fields. Not only will this protect valuable topsoil — it will also usually increase yields.

The first step in preventing soil loss in these fields is to avoid fall plowing. Soil losses are two to three times greater following soybeans than corn, and the problem is much more serious when the land is fall plowed.

Where land is sloping and subject to severe erosion, the agronomist also recommends adoption of a no-tillage program.

Cultivation can be disastrous — especially when rows are placed up and down the slope. High-intensity summer storms can be especially destructive. Avoid this problem by using drilled instead of row-planted soybeans. This will

eliminate cultivation and also provide a complete canopy somewhat earlier in the season. The canopy will dissipate some of the force of heavy rain which otherwise would strike the soil surface directly, dislodge soil particles, cause puddling, and trigger an erosion problem.

Natural waterways should be grassed or sodded and taken out of production.

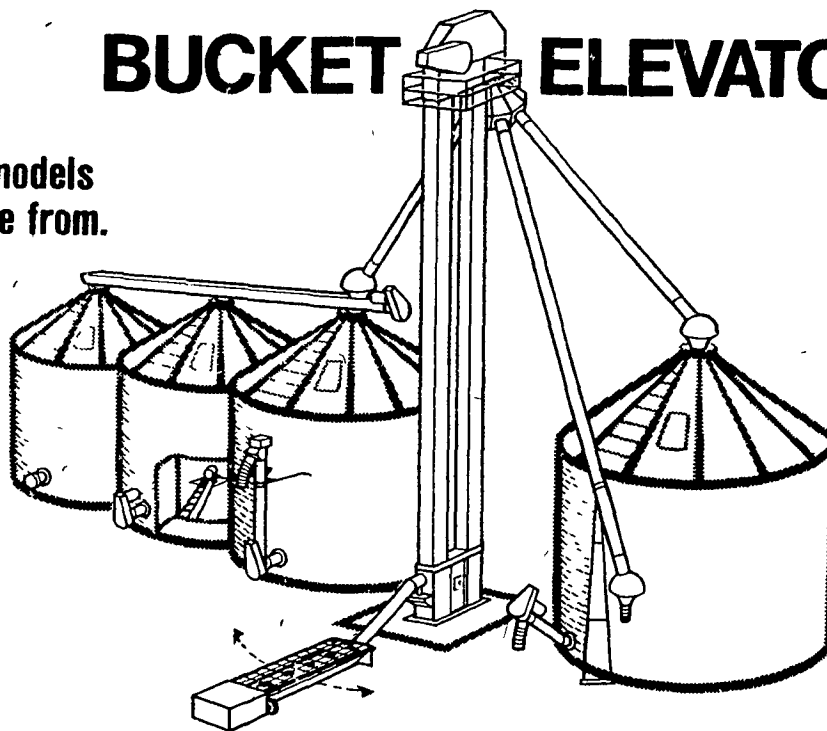
Your best solution is not to trap the eroding soil as it moves off the field onto a grassed waterway or diversion ditch, but to keep it from moving off the field in the first place. You can do this most effectively with no-tillage, points out Mitchell. In most cases, when the soil stays put, your fertilizer materials and pesticides will also remain where they belong. And at the same time you control erosion, organic matter or humus will be accumulating in the soil. The result of such conservation measures should be increased yields and profits.



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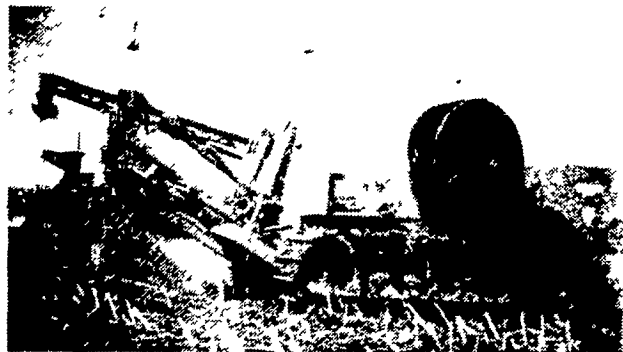
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Extension on proposed Brucellosis changes requested

KANSAS CITY, Mo. - The Livestock Health Council has asked the U.S. Department of Agriculture for a 90-day extension of time to comment on proposed changes in the Brucellosis Eradication Uniform Methods and Rules (UM&R).

Council Chairman Raymond Schnell said the proposed changes "would greatly increase the government's regulatory control over the livestock industry, would result in the most restrictive UM&R this industry has ever had, and would disrupt normal marketing patterns."

It was requested the comment period be extended from March 19 to June 19. The March date only gives the industry time for a cursory review of the proposed changes, which

Schnell cited as being "particularly burdensome and costly to the industry."

Among the proposed changes were:

...Requiring the registration of "any person who purchases, deals in, or sells cattle, or acts as a commission representative or broker, (or who) operates and conducts" cattle auctions. "Everyone in the industry—from the largest producer to the weekend cattleman—would have to be registered and keep voluminous records under this proposal," Schnell said.

...A requirement that cattle are "S" branded must also wear an official eartag;

...Lowering the age of test-eligible cattle from 24 to 12 months;

...Requiring all test-eligible cattle moving interstate from states having a

modified-certified or a non-certified brucellosis free area, to have an entry permit from the state or destination, to be quarantined upon arrival and to be retested in not less than 30 or more than 120 days. "This proposal would totally

disrupt normal marketing patterns, and would especially affect buyers and sellers along state borders," Schnell said.

The Council also told APHIS that, its proposals do not agree "with the philosophical objectives and

spirit of the National Brucellosis Technical Commission Report" which included:

A lessening of government regulations and responsibility in administration of the brucellosis program;

greater individual accountability conditioned upon economic incentives and individual management responsibilities; and flexibility in administration and application based upon regional production and marketing patterns.

Meat Institute distributing food and price control booklet

WASHINGTON, D.C. - Circa 2830 B.C., Egypt took entire control of the grain trade to save the people from starvation, but also took control of their land in return.

At least one historian attributes price-fixing legislation to the downfall of the Dutch Republic in 1585 A.D.

In the 18th century, France tried an experiment with price controls that

ended when the protagonists of the movement perished on the guillotine.

These are just a few of the historical facts about food and price controls contained in "Food Control During Forty Six Centuries," a booklet recently reissued by the American Meat Institute. The booklet is a reprint of an article written by Mary G. Lacy, librarian, Bureau of Agricultural Economics, U.S. Depart-

ment of Agriculture, that originally was published in The June 1923 Scientific Monthly.

In the article, Ms. Lacy concludes, "The history of government limitation of price seems to teach one clear lesson: that in attempting to ease the burdens of the people in a time of high prices by artificially setting a limit to them, the people are not relieved but only ex-

change one set of ills for another which is greater."

The booklet also contains a brief foreword, written by Richard Lyng, AMI President, that discusses more recent food price control attempts in this country.

The American Meat Institute is the national trade association of the meat packing and processing industry.

PSU to hold beekeeping course

UNIVERSITY PARK - Improved methods and techniques of bee management will be discussed at the Beekeeping Short Course of the College of Agriculture, The Pennsylvania State University, July 30 to August 3, 1979.

The program includes lectures and discussions on equipment, bee management, diseases of bees, queen rearing, control of swarming, honey production, processing of honey for market, Fall and Winter management, and similar subjects. Three afternoons will be devoted to demonstrations and student practices in University and private bee yards.

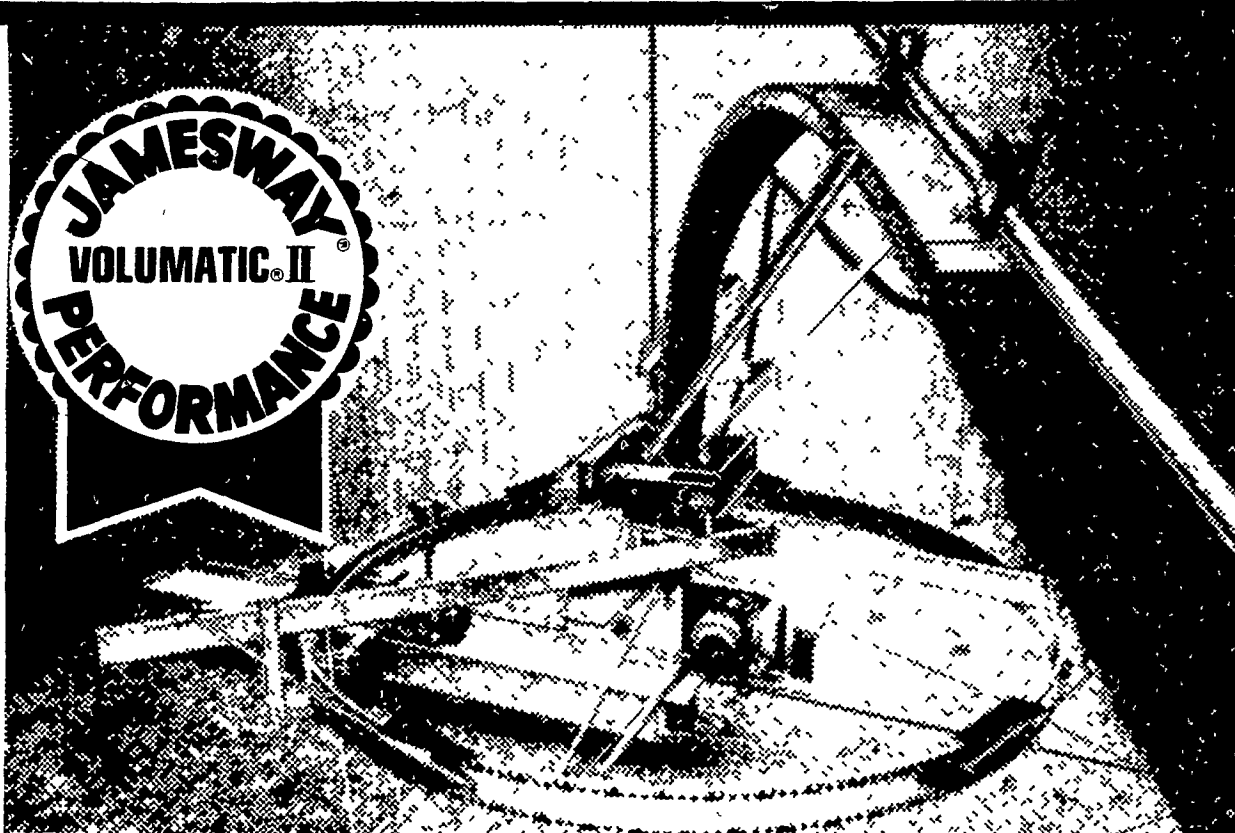
(Enrollees should bring veils and gloves.)

Instructors include Dr. Allen Benton, Dr. Clarence Collison, and Mr. R. Heckman of Penn State's department of entomology, and Dr. D. Caron of the University of Maryland.

The fee for the course is \$40 for Pennsylvanians and \$45 for non-Pennsylvanians.

Individuals under 16 years of age must be accompanied by a responsible adult.

An application blank and additional information can be secured from the Office of Short Courses in Agriculture, 306 Ag. Admin. Bldg., University Park, Pa. 16802.



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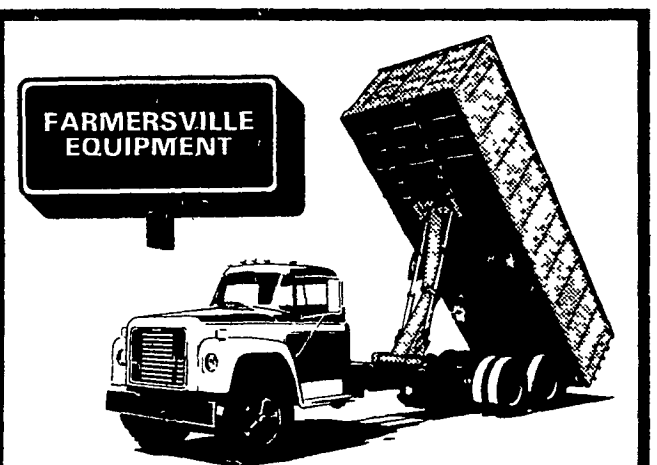
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Proper surfactant may boost herbicide effects

Editor's Note: Every spring, farmers put a lot of careful thought into the selection of herbicides. But often they pay little attention to the surfactants or wetting agents that should also go into the tank mix. This can be an expensive mistake. The following article describes the role of surfactants and explains why choice of surfactants is just about as important as choice of the herbicide itself.

NEW YORK, N.Y. — If you've ever put a nice coat of polish on your car then driven through a rain storm, you've seen how the water reacts to the car's surface. It doesn't really wet the car; it beads up and runs off. The same principle applies when a liquid herbicide is sprayed on the waxy surface of a weed. The end result is poor herbicide performance, and consequently weed problems.

Because of this basic law of nature, surfactants are often mixed with liquid herbicides to provide more even coverage and better weed control. A surfactant's purpose is to modify the surface forces between the herbicide and the weed by orienting itself between the interfaces, allowing the liquid to spread.

There are some pitfalls that need to be avoided when choosing a surfactant to accompany a specific herbicide, however. While a surfactant can often greatly increase herbicide efficiency, one that isn't suited for a specific situation can actually harm herbicide performance.

According to Dr. Gary A. Lee of the Department of Plant and Soil Sciences at the University of Idaho, in one study conducted to determine the herbicide performance enhancement of 70 surfactants, results showed that 80 per cent actually reduced the weed killer's effect, 10 per cent had no effect, and only 10 per cent boosted the herbicide's effect.

Part of the reason for these statistics is that surfactants are sold separately from herbicides and are not subject to EPA registration.

Because there is no authority to regulate performance standards, false product claims and misunderstandings have easily cropped up.

An example of this misuse involves the application of a surfactant to act as a wetting agent - spreading the herbicide over the entire surface of the weed. This characteristic is desirable when a contact herbicide is being applied with water in a low gallonage rate. If no wetting agent is present, the spray droplets will very likely concentrate on small sections of the leaf surface, resulting in localized tissue burning without kill.

On the other hand, when a high gallonage rate of the herbicide and water mixture is being applied, if a wetting agent is used by itself up to two-thirds of the spray retention is required. If the spray doesn't stick to the weed, it can't do its job.

Mr. C.E. Moran, research chemist with Chevron Chemical Company, agrees that the selection of a proper surfactant is a critical step when putting together a successful herbicide program. Moran has recently evaluated a new formula of his company's X-77 Spreader, which is recommended for use with Ortho's Paraquat CL herbicide; Paraquat is a non-selective contact material commonly used for no-till production of both large and small grains, pasture renovation, and harvest desiccation of soybeans, cotton and sunflowers. When agitated, this new formula produces up to 83 per cent less foam than other spreaders on the market, and Moran believes that's an important consideration for the grower.

"When you reduce surface tension with a surfactant, you get foaming," Moran said. "Things with low surface tension tend to make bubbles ... it's just a law of nature. The grower's spray tank will fill up with foam and he'll get poor distribution of his chemicals, not to mention the mess it makes."

The research which led to this improved low-foam formula of X-77 Spreader is an example of the work that's being done to provide growers with specially formulated adjuvants. According to Moran, many similar products will work in a specific situation, but compatibility with the herbicide is very important when choosing a spreader.

"Unless we've extensively

evaluated a spreader-sticker type adjuvant, we have no way of knowing how it might affect the performance of our products," he said. "For an individual grower or applicator to conduct a similar evaluation could be a very costly process. Even a small degree of incompatibility can produce globs of material which will clog the spray rig, and result in

ineffective application. Furthermore, incompatibility often cannot easily be detected until it's too late."

While choosing an effective surfactant to accompany a specific herbicide is no simple task, Dr. Gary A. Lee offers a basic rule of thumb for success. According to him, surfactants are designed for a

specific use and should be chosen on that basis. The manufacturer of a herbicide will state on the label if an additional surfactant needed, and the brand that should be used. According to Dr. Lee, it's a good idea to follow this label advice, because the manufacturer will have carefully screened available surfactants to find the most suitable material.

Loan reference guide available

WENATCHEE, Wash. — A new book entitled "Federal Farm Loans: How To Ask For The Money And Get It," is designed to show farmers and ranchers how they can apply for and obtain FmHA farm loans for which they are eligible. The informative new book contains actual procedure condensed directly from thousands of pages of Federal regulations.

Under guidelines of the Agricultural Credit Act of 1978, farm partnerships, cooperatives, and corporations, as well as individual farmers, can now receive FmHA loans up to \$400,000 at advantageous rates and terms.

The book describes six categories of direct

agricultural loans: Farm Ownership, Soil and Water, Recreation, Farm Operating, Economic Emergency, and Emergency Disaster loans. Specific eligibility requirements, authorized loan purposes, loan limitations, rates, and terms for each loan category are carefully explained. Internal agency procedures for loan processing, and a glossary of the terms commonly used in FmHA loan programs, are detailed.

The book also includes a variety of sample forms and a list of suggested Do's and Don'ts for the prospective applicant.

"Federal Farm Loans: —" is reference guide for farmers, ranchers, ag lenders, farm consultants, and others who can benefit from these greatly expanded USDA agricultural loan programs.

The soft cover book sells for \$7.95, and may be ordered from: FAARM, P.O. Box 2656, Wenatchee, Washington 98801.

Open House slated

NEW HOLLAND - Victor F. Weaver, Inc., will hold a general public Open House, Thursday, April 5 from 7:00 p.m. to 9:30 p.m. and Friday, 9:30 a.m. to 4:00 p.m. at its new Fried Chicken Production Center, South Custer Avenue and Phillip Road, New Holland.

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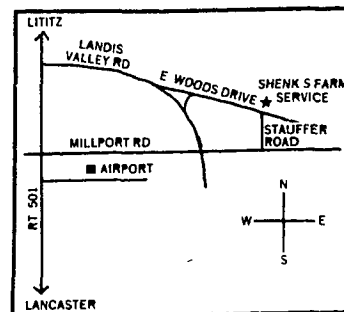
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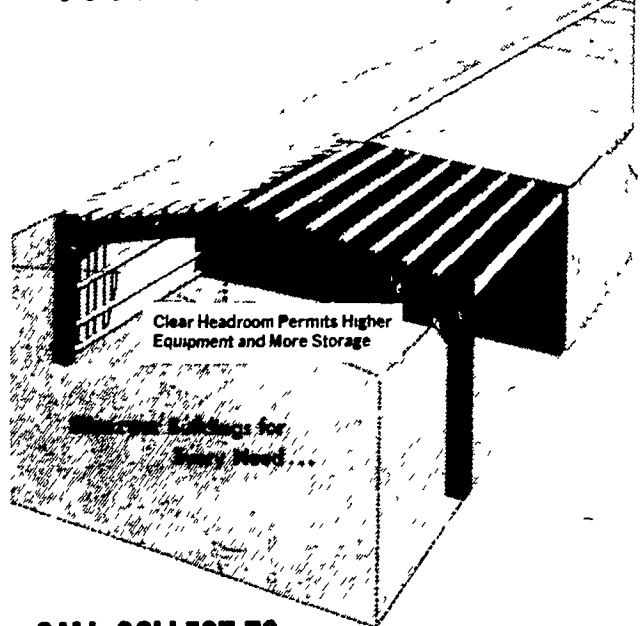
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Herbicide application can make or break no-till farmer

CHICAGO, Ill. -- As production costs have gone up and profit margins have dwindled, many Northeastern growers have turned to more efficient crop production methods. One of the most popular is no-till.

"There are several reasons why people are going to no-till in this state," notes Dr. Willis L. McClellan, Extension agronomist at Penn State University. "Some of our fields are highly erosive, and no-till provides good erosion control. Also, stone removal is a major task with conventional farming, but not so much with no-till. And no-till improves the timeliness of farming. It's possible to get a large number of acres planted in a short period of time when tillage is eliminated."

But while this practice can vastly improve the efficiency of crop production, McClellan and other researchers warn that good management is essential if a no-till system is to produce top yields. Probably the most important consideration when adopting this technique is herbicide application. Because weed control with tillage is replaced with herbicidal weed control, the choice of materials and application

methods can make or break a no-till farmer.

"The number one problem with application is failing to calibrate the sprayer," explains Thomas H. Williams, agricultural engineer at the University of Delaware. "You have to check to see that all of the nozzles are putting out material equally."

Williams adds that two other "very critical" considerations when applying herbicides are timing and thorough coverage. The herbicide won't do its job if the weed gets too much of a head start. And even if the herbicide is applied in time, it won't effectively control problem weeds unless the material is uniformly applied at recommended rates.

Improper calibration, timing and coverage aren't the only stumbling blocks to avoid, however. Developing a thorough herbicide application checklist could be one of the most valuable steps you've ever taken, especially if you're not relying on tillage this season.

Choosing which herbicide combination to use in a particular field is no small decision. The contact herbicide Ortho Paraquat CL is the most economical choice for control of vegetation

existent at planting time, reducing competition for the new crop. But there are a wide variety of residual materials available to accompany Paraquat. University Extension agronomists recommend that you analyze the weed spectrum in a particular field the previous Fall, then select a herbicide tank mix tailored to fit the problem at hand. These agronomists almost always have valuable advice to offer, and herbicide label directions provide specific information about the material's capabilities.

To date, the following herbicide combinations are labeled for no-till corn production: Paraquat-Bladex, Paraquat-atrazine, Paraquat-atrazine-Lasso, Paraquat-atrazine-Princep, and Paraquat-atrazine-Simazine. Ortho X-77 Spreader should be included in all of these tanks mixes to insure even coverage of Paraquat, resulting in more effective weed control. Use of an alternative surfactant material, in many cases, can actually reduce the effectiveness of Paraquat.

For no-till soybeans, these herbicide combinations are now labeled for use: Paraquat-Lorox, Paraquat-Lorox-Lasso, Paraquat-Se-

ncor, Paraquat-Sencor-Lasso, Paraquat-Lorox-Surflan and Paraquat-Sencor-Surflan. Again, X-77 Spreader should be included in all of these tank mixes.

Spotting problems long before they occur is the only way to avoid expensive application mistakes. That's why a checklist is such an important management tool.

Listed here are some common problem areas. Several must be dealt with during the busy application season. But many others can be anticipated and handled during the winter months.

Pump: A pump in good working order is one of your most valuable assets, and it's something you can check on while the weather is still cold. Basically, there are two types of pumps now being used for herbicide application on row crops — roller and centrifugal. The latter is preferred because it's not effected by abrasive materials, it's simple to maintain, and it's long lasting. The most important characteristic of a pump is that it delivers adequate liquid to supply the gallons per minute needed by the nozzles, yet still have a 10 to 20 per cent reserve capacity for tank agitation.

Tank: Aside from being reasonably large and easy to

maintain, one of the tank's most important qualities is corrosion resistance. There are a variety of materials now used for spray tanks, including galvanized steel, polyethylene, aluminum, fiberglass, and stainless steel. Stainless steel is probably the best, but it's also the most expensive. "Most of the farmers here use either fiberglass or stainless steel tanks, so there's not much corrosion," explains Thomas H. Williams. "There's not too many of the old 55-gallon drums left around."

Hoses: It's important that you check the inner lining of your hoses to make sure they haven't separated. And during application, guard against collapsed hoses, as well as folds and kinks.

Pressure Gauge: When herbicides come in contact with the pressure gauge, they occasionally cause condensation inside this instrument. When the weather becomes cold, freezing will result and the gauge will give inaccurate readings. You can guard against this problem by removing the gauge from the sprayer at the end of the season and storing it in a warm place. If the gauge does freeze, your only choice is to replace it.

Nozzles: These should be checked for damage or malfunction long before you enter the field. Also, make sure that you're using all broadcast nozzles, rather than those designed for band applications. Band nozzles usually have the letter E printed in front of the serial number. The exact type of broadcast nozzle required depends on the herbicides you're using. As a general rule of thumb, select a nozzle that gives you the largest droplet size while still providing complete coverage at the desired pressure and application rate.

Main Shutoff Valves: If one of these becomes worn and doesn't shut off completely, you have a potential problem. A spray hose might break, and if a shutoff valve leaks, you could spill a lot of chemical on the ground. This is both costly and dangerous.

These precautions are just a sampling of the details you should consider before applying herbicides. If you're going to farm no-till, you must remember that the best fertilization planting and weather conditions won't mean a thing if you don't get an early handle on weeds.

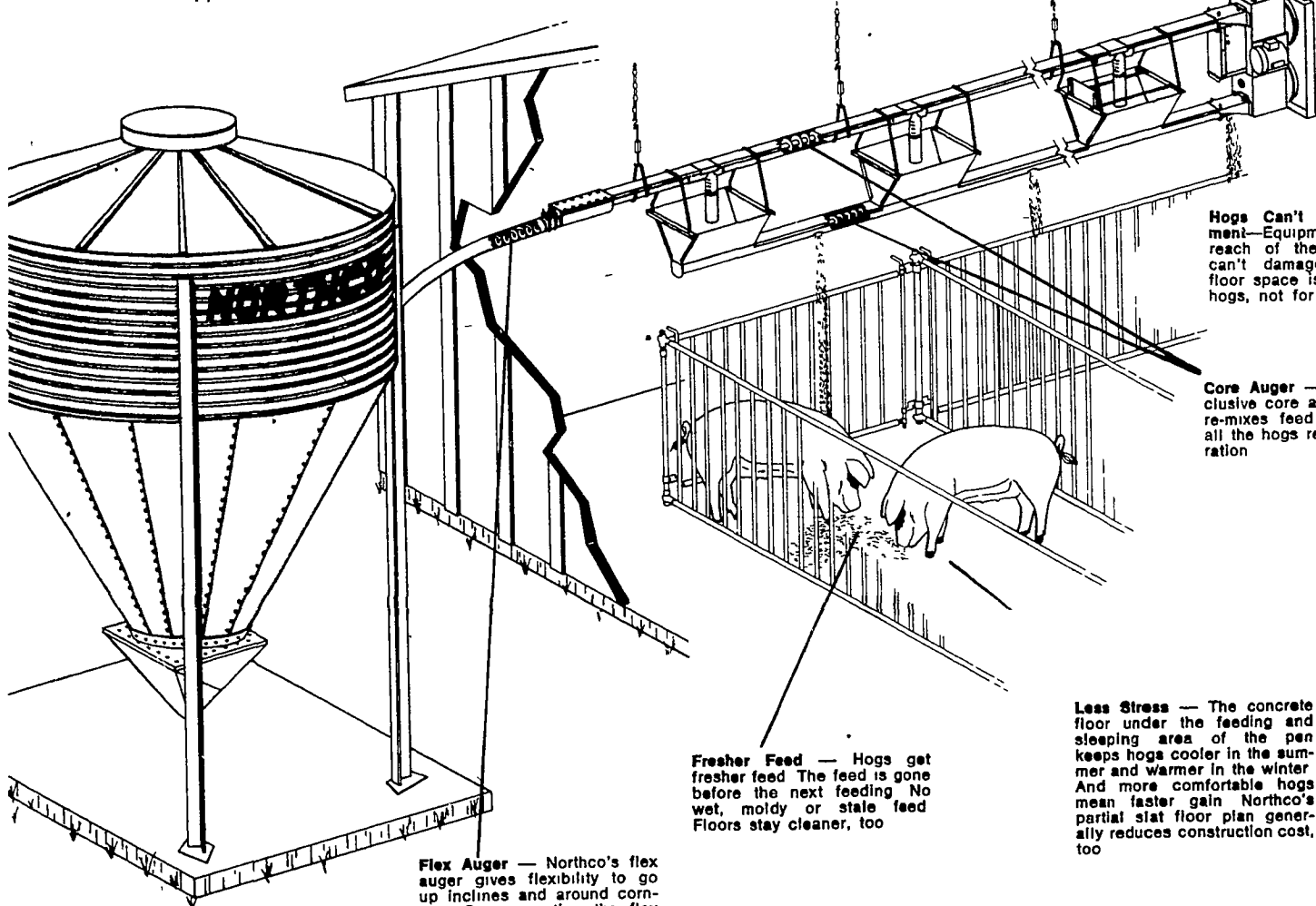
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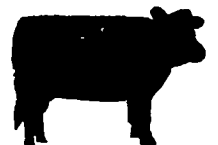
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Animal and plant health programs reviewed

NEW YORK, N.Y. — The successful conclusion of a 15-year hog cholera eradication campaign marked the major achievement for U.S. Department of Agriculture (USDA) animal and plant health programs during 1978.

Ceremonies at the U.S. Capitol last January, led by Secretary Bob Bergland and Congressional leaders, marked the first time since the 1830's that the United States was free of the most destructive and costly swine disease the country has ever known.

Dr. Francis J. Mulhern, administrator of USDA's Animal and Plant Health Inspection Service (APHIS), noted that — before eradication efforts — hog cholera cost producers about \$50 million per year, more than \$100 million yearly at today's prices, yet the disease was eliminated in less than two decades at a total cost to taxpayers of only \$140 million.

In other activities, 1978 was also the year in which APHIS launched a dramatic three-year region-wide eradication trial program against the cotton boll weevil. This experiment, involving the integrated use of biological controls, pesticides and cultural practices, brought outstanding results in the opening phase in North Carolina.

The agency also took aggressive action to protect the nation from foreign pests and diseases.

When contagious equine metritis—a previously unknown breeding disease of horses—was discovered in France, Ireland, the United Kingdom and Australia, APHIS officials immediately banned the importation of breeding age horses from those countries, and launched an intensive disease survey in this country. This quick action located the disease on two Kentucky breeding farms—which had

imported infected stallions just before the ban—and prevented spread throughout the horse breeding industry.

The need for inspection and surveillance was heightened by outbreaks of African swine fever in Brazil and the Dominican Republic, the first time since a 1971 Cuban outbreak that this dreaded swine disease—worse than hog cholera—had reached the western hemisphere. APHIS officials immediately provided technical assistance to combat these outbreaks, increased surveillance against prohibited pork products at ports of entry, and launched intensive inspection and testing programs in Puerto Rico, only 70 miles by sea from one of the outbreak areas.

The agency, in close cooperation with Mexico and Guatemala, began a campaign to halt the northward spread of the Mediterranean fruit fly, a major destroyer

of fruit and vegetable crops. The operation will keep Medflies from Mexico's key winter vegetable production areas and will thus protect the United States from infestation. In addition to the control work already begun, a facility nearing completion at Metapa, Chiapas, Mexico, soon will begin the rearing of millions of sterile Medflies for release in an all-out campaign to reduce the population level of native flies in Guatemala and prevent invasion of Mexico.

To further strengthen protection against foreign plant pests, APHIS officials established a high-hazard survey within a 100-mile radius of key ports, where new insects and other pests are considered most likely to arrive on aircraft, ships and cargo. Increased funding also strengthened agricultural quarantine inspection at all ports-of-entry. A computerized information network was tested at six major ports,

through which inspectors can obtain the previous history about arriving ships, thereby better assessing the degree of risk involved.

The year also included setbacks, however. Efforts to eliminate the seasonal invasion of screwworms into the southwestern states was frustrated by weather conditions unusually favorable for reproduction of the parasite. The result was one of the worst seasons in recent years for screwworm infestations in New Mexico, Arizona and California. However, screwworm overwintering areas in southern Texas remained relatively free of the pest for the second year in a row.

APHIS officials also remain concerned over the resurgence of cattle scabies in feedlot herds, pseudorabies outbreaks in swine, and the buildup and spread of plant pests, such as gypsy moths, grasshoppers, Japanese beetles and others.

The eradication of brucellosis remains a top priority—among APHIS programs, and was given renewed emphasis and strengthened direction with the release of a report by a special Brucellosis Technical Commission, organized under the auspices of the U.S. Animal Health Association.

Other on-going APHIS

programs cover a wide variety of activities, such as: licensing and inspection of veterinary biologics, enforcement of laws for humane animal care, inspection and testing of imported and exported livestock and birds, surveillance for new plant pests and diseases, and cooperative programs with foreign nations against various pests and diseases.

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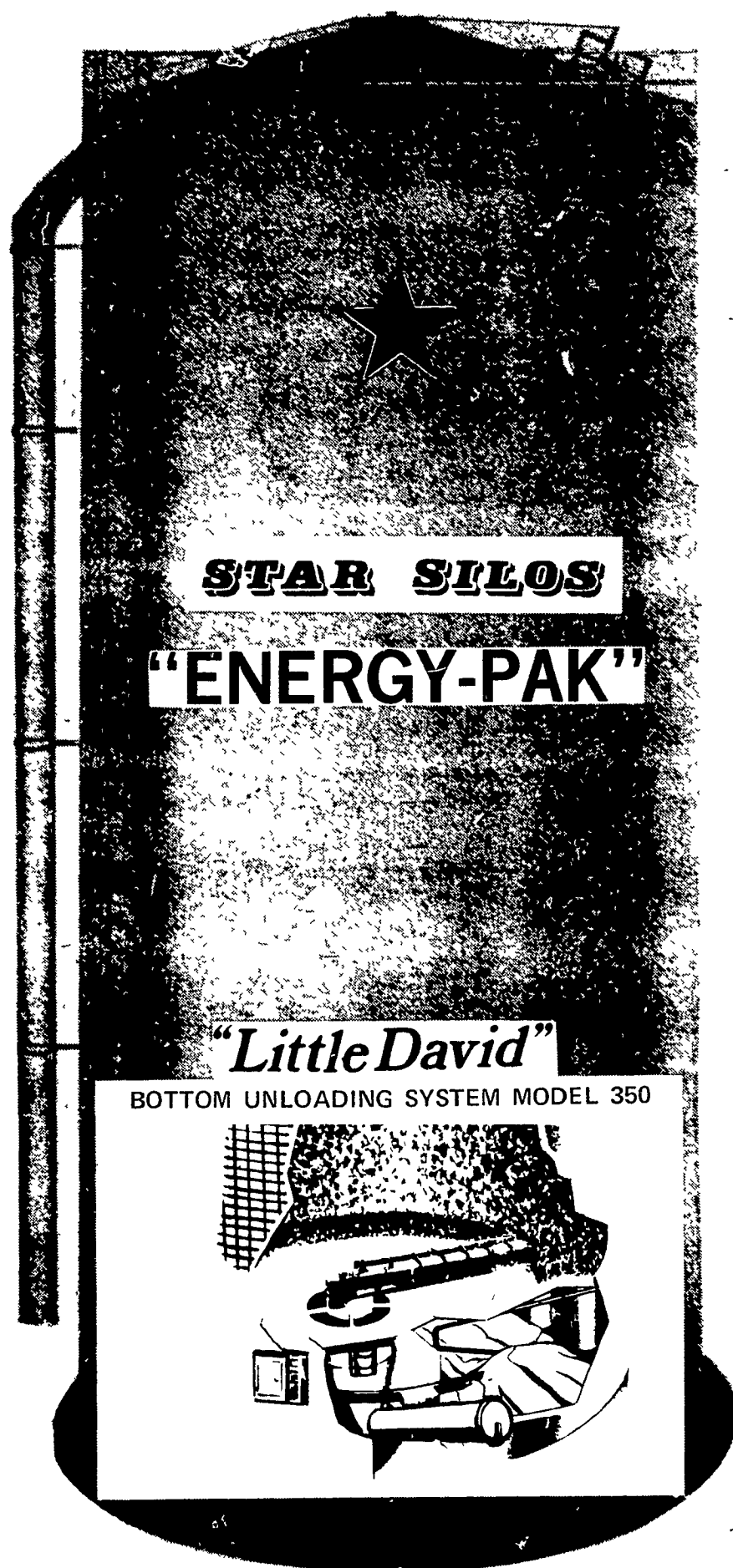
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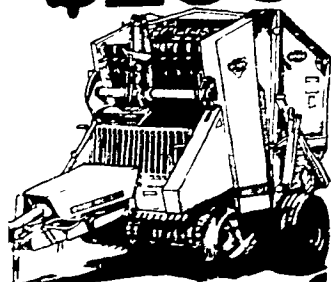
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Sire sampling reviewed by Holstein Association

BRATTLEBORO, Vt. — One year after the introduction of major improvements in its young sire sampling program, the Holstein Sire Development Service has results to crow about according to Manager Jim Copper.

The first 18 bulls offered in 1978 were sampled in an average of 29 herds.

Distribution of the semen was completed in less than four months after release.

Estimated Production Values of the bulls released increased an average of 22 percent over bulls sampled a year ago.

More information on the actual use of the semen reached the record files of HSDS.

Copper said not all of the program's achievements can be attributed to the modifications adopted by the board of directors last year, but "the changes we made have definitely proven their value in allowing us to be of better service to breeders."

A total of 35 Qualified Sires were offered for sampling during the year. Their dams' best records averaged 22,665 pounds of milk and 861 pounds of butterfat in 336 days. Average classification score of the dams was VG-88. Their sires averaged +1230 pounds PDM, +.91 PDT and +315 TPI. Estimated Production Values of the young bulls exceeded +1000.

"It is estimated that 86 per

cent of all the improvement in the U.S. Holstein breed will come as a result of sire selection," Copper explained. "The only way we can assure ourselves of identifying the truly superior bulls is to sample as many as possible," he said.

"We recognized a year ago that we had to offer breeders something of real value to encourage more sampling. We did. For the breeders on official test who purchase 10 units of semen on one or more Qualified Sires, we offered an attractive cash incentive program which encourages thorough follow-through for obtaining a reliable proof."

Because HSDS is operating a sampling program and is not in the commercial semen business,

the semen-cost is rock bottom, averaging \$3 per dose. As an incentive the breeder receives a \$25 rebate if the semen is used within 6 months from the time it is received and sends a pregnancy report to HSDS within 9 months.

Registry and Holstein identification credits of \$3 are offered for each female offspring of a Qualified Sire permanently identified before six months of age.

Ten dollar cash incentives are offered to owners of the first 30 daughters summarized in a bull's production proof.

Finally, a sweepstakes bonus is offered to cooperating herd owners if the bull's first performance summary launches him into a career of commercial

semen production. Breeders who helped sample the bull get their choice of \$100 cash or 25 units of semen, whichever they prefer.

The incentive package has made a difference, claims Copper, who maintains a current report of each bull's progress. "Everyone recognizes they have a responsibility to give these young bulls a chance, but money in the pocket and the chance to have the first daughters of a very hot bull puts action into the responsibility."

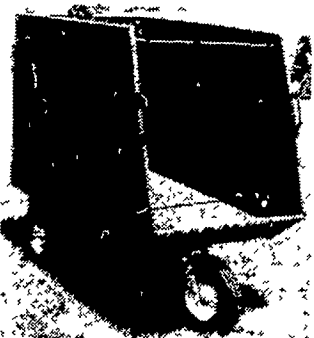
Some breeders, reluctant to use unproven bulls, regardless of their pedigree quality, are afraid they won't be able to merchandise the daughters. Others have found that situation to be a myth.

Qualified Sire daughters consigned last year to the New England Sale averaged \$3667, with one fancy heifer bringing \$5000.

Semen from a new group of Qualified Sires is being distributed to breeders in March by Association program directors. Pedigree and picture portfolios are available free of charge on each of the young bulls from program directors and the HSDS office.

With current interest in the program as the key indicator, Jim Copper expects to release new bulls six different times during 1979. "I think we can fully and equitably sample 45 young sires this year," Copper predicted, "and still push our quality up a few more notches."

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Free trees given for greener America

NEBRASKA CITY, Neb. — The National Arbor Day Foundation is offering free trees as part of its 1979 campaign to encourage tree planting.

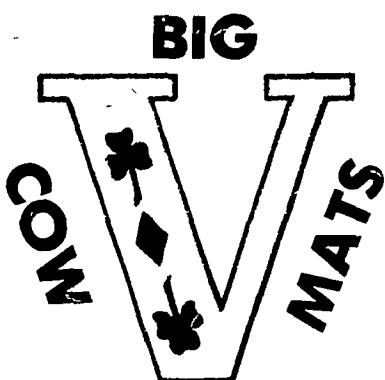
The Arbor Day Foundation, a nonprofit organization, is working to improve the quality of life in communities throughout the country by encouraging tree planting. The Foundation will give four trees to new members contributing \$15 or more. Shade, fruit, and nut trees will be from 3 to 6 feet tall, and evergreens will be 6

inches to 1 foot tall. All trees will be ready for planting and will be sent postage paid.

To become a member of the Foundation and to receive four free trees, a contribution of \$15 or more should be sent to the National Arbor Day Foundation, Arbor Lodge 100, Nebraska City, Neb. 68410. The donation should be sent along with a choice of any four of the following trees. Any combination or as many of one variety may be specified.

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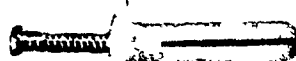
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Plowing and planting at the proper time -



Irwin Engle (insert) has five large silos to fill. He measures productivity and efficiency on a crop yield and pounds of milk per acre basis. Last year he harvested 32.8 tons of corn silage from a 1-plus acre field, averaging more than 24 tons per acre overall. That translates into 10,986 pounds of milk per acre, he says.

By DIETER KRIEG
MAYTOWN — When Irwin Engle takes his corn chopper into the field each Fall, he makes sure he has plenty of feed for it to "chew" on. Last year, for example, he averaged over 24 tons of silage per acre, which stands as a highly respectable performance among corn growers.

Engle's record, however, is 32.8 tons of silage per acre. That's what he averaged last year on a small field that he enters annually in a corn for silage contest. The yields were standardized to 60 per cent moisture content and calculated by Elvin Hess, former vocational agriculture teacher at Elizabethtown Area High School.

To grow top-notch corn, it takes "good, fertile soil that's never been neglected," says the silage corn production champion.

Offering more details on that 32.8-ton-yield, the Lancaster Countian said: "I planted the 1-plus acre field a little thicker - 25,500 plants per acre at harvest - but I didn't fertilize it any differently. I use the same test plot over and over because it's conveniently located for yield checks and doesn't interfere with other cropping plans," Engle continued.

A recognized champion for corn silage production, Engle does not believe in getting the crop planted too

early. He'd rather wait a few extra days for warm weather, thus insuring the seeds of a good start. Planting in cold soil causes the plant to be stunted right from the beginning, Engle theorizes. He likes to see his Hagerstown and Duffield silt-loam soils warm and loose when he gets ready to plow and plant. Once conditions are right, he says he works long and hard to take advantage of the situation. Planting at the proper time - when the soil has warmed up and is likely to stay warm - is one highly important factor in good corn production, Engle emphasizes.

The conventional plow is still very much in use at the Engle farm, but there isn't a disc harrow to be found on the place. Engle plows his corn ground in May, follows it with a cultimulcher and then plants the crop with a John Deere Max Emerge planter. It was about May 20 last year when he planted his record-shattering field, he remembered.

Engle plants his corn in 30-inch rows. Aside from emphasizing proper soil and weather conditions, he also considers good seed and good fertilizer to be highly important. He has been planting Pioneer 3369A and fertilizing for 12 years with Ortho Unipel Fertilizer. Manure also figures strongly in the cropping program, and Engle has considerable

pride in the amount of organic matter found in his fields.

Aside from a good coating of manure, Engle's fertilization program includes 400 pounds of ammonium nitrate per acre plowed down in the Spring, followed with row applications of 175 pounds of 13-34-10 per acre at planting time. He incorporates Sutan and Aatrazine as he works the ground. Summarizing his field procedures, Engle commented: "I plow it, work it down, spray, and plant. With the kind of ground I've got, it's easy to get good crops."

Good soil isn't taken for granted at the Engle farm, which has been in the same family for 177 years. "When you own a place, you take care of it," he commented, expressing gratitude that his fertile soil has never been neglected. He is particularly fond of his fields' ability to hold moisture, and credits the organic matter for it.

Engle has five silos on his 150-acre dairy farm, located within sight of the Susquehanna River, west of Maytown. He fills one of the structures with high moisture ear corn, two with haylage, and two with silage. Last year it took 52 acres of silage corn to fill a 20-by-65 and a 24-by-65. He harvested his crop in mid-September.

Despite his success with high yields, Engle isn't

Rural transportation studied

WASHINGTON, D.C. - Secretary of Agriculture Bob Bergland has told members of the Rural Transportation Advisory Task Force to blend separate approaches to rural transportation problems into one unified national transportation policy.

"Problems such as rail car shortages and rural line abandonment have been treated separately for years," he said. "And our ever-increasing exports of agricultural commodities are putting even more pressure on a rural transportation system already operating at full capacity. Developing these piecemeal approaches into a single transportation policy is the challenge this task force faces."

Bergland and Department of Transportation Secretary Brock Adams, co-chairmen of the 14-member task force, addressed the members during their organizational meeting here last week.

Adams said "rural transportation problems can't be isolated and treated independently." He said they are "inter-woven with broader problems, including inflation, international trade and the nation's economy."

The task force will meet again in Washington April 4 and 5.

Activities of the task force are being coordinated by the U.S. Department of Agriculture's Office of Transportation (OT) and the U.S. Department of Transportation's office of Rural Policy.

anxious to push his luck. Noting that he did plant his test plot a little thicker than normal, he said he won't plant that heavy over all his fields because "if it gets dry, you don't get nothing." He estimates that he has a normal stand of about 23,500 plants per acre at harvest, compared to 25,500 plants per acre on his contest plot. The plants grow to be about 10½ to 11 feet tall, he says.

Engle has won the corn for silage award from the Elizabethtown Young Farmers for the past two years. He was a nominee for the group's Outstanding Young Farmer a year ago.

In the final analysis, Engle looks at his milk production records to determine how efficiently he is using his cropland. He has 260 head of Holsteins on his farm, and milks 112 of them. Allowing for some custom-farmed fields to take care of the heifers, he figures he's getting 10,986 pounds of milk per acre.

Engle's herd produced 1,648,000 pounds of milk last year, according to dairy receipts. On that, he comments, "I don't care what your herd average is, I want to know how many pounds of milk the dairy paid you for last year. I don't just look at production records, I want to see it in the check book," he concluded.

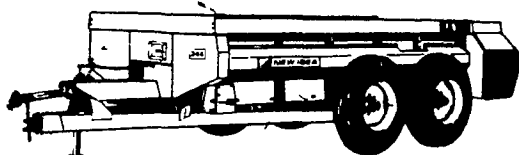
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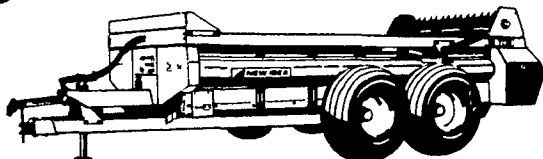
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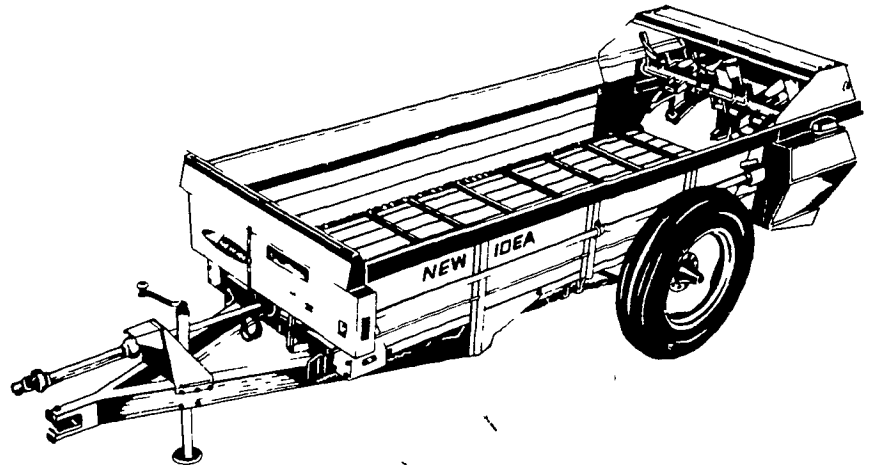
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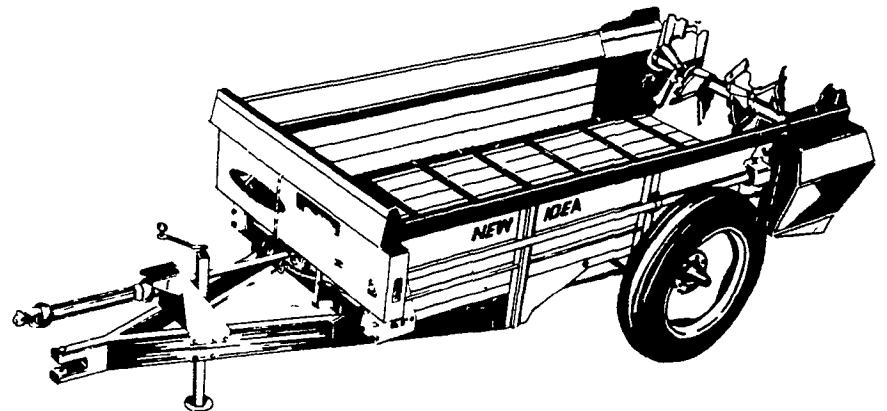
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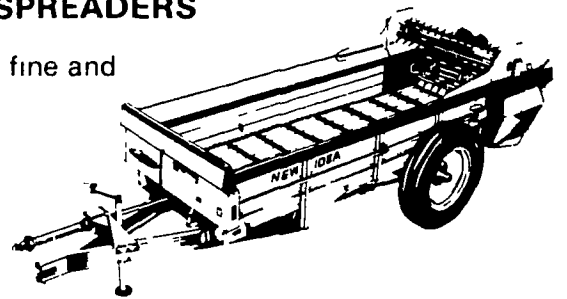
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Marketing soybeans calls for complex decisions

NEWARK, Del. — Selling a crop of soybeans used to be a pretty simple matter. All a farmer had to do was decide how many acres of beans to plant, produce them, and then sell them for whatever the market offered.

Those days are long gone, says H. R. Purkey, assistant vice president with Merrill Lynch Pierce Fenner & Smith, Inc., and one of the speakers at the February 15 Delmarva Soybean Meeting in Ocean City, Md. No matter how good they are at producing beans, farmers who follow this simplistic approach to marketing are leaving money on the table every year, he told an audience of some 800 to 900 soybean producers and farm industry representatives gathered for the meeting. In fact, says Purkey, there are times when there's more money to be made in the marketing of soybeans than there is in their production.

To get top return from his soybean crop, today's agribusinessman must not only concern himself with maximizing production, but with a host of economic decisions as well, points out the economist. Every day he must make such decisions as to whom and where to sell; whether to sell cash or futures; whether to store or sell; whether to forward contract or hedge; whether to build additional storage; how to time his sales; what crops to expand and what to cut back on (corn vs. beans); how to effectively control his interest costs; and how to deal with the tax consequences of his operation. There are also environmental considerations and government regulations to contend with. And along with everything else, he must avoid the tendency to speculate.

To sell his crop most profitably, today's farmer must understand the current soybean market. This means

being aware of world events and their economic implications.

Over the coming year many factors will have an impact on bean prices. Among these, Purkey lists the plunge of the U.S. dollar and the ripple effect this has had among other basic free-world currencies; the current upheaval in Iran and its effects on the flow of crude oil; the reappearance of China as a major factor in the free-world grain trade; the Chinese invasion of Vietnam (only rumored at the time he gave his talk but already affecting grain prices); recent bountiful world harvests; the OPEC nations' 14.5 per cent increase in the price of crude oil; huge U.S. trade deficits; labor strife in Europe; Mexican oil prospects; foreign acquisitions of U.S. farmland; India's growing food self-sufficiency; galloping inflation; and the soaring price of gold.

Will these factors affect the price you get for soybeans in the coming year? "You bet they will" says Purkey.

The biggest question mark, of course, concerns the size of the current Brazilian soybean crop, which has been affected in some areas by drought. Many bean traders were caught by surprise when Brazil recently revised downward its first estimate for this crop. As a result, the market responded strongly upward. But many analysts believe the new 11 million ton figure is too low, notes the economist. Weather over the next several weeks will be the deciding factor.

Back at home the final U.S. crop estimated of 1,843 billion bushels of soybeans shows an increase of 33 million bushels over an earlier estimate, but because of increasing crush and exports, the carry-over is up only 2 million bushels

from an earlier anticipated one million. But, stresses Purkey, only time will tell whether or not these usage figures are optimistic.

There have been sales of large amounts of farmer beans around the country over the past few weeks. As the price of soybeans approached "live of contract" highs, many selling decisions were made, resulting in a substantial decline in both the export and domestic basis.

"New export sales also appear to be hard to come by," reports Purkey. "This looks like a short-term situation. Many buyers are waiting to get a clearer picture of the Brazilian situation before committing further."

In the area of soybean meal, stiffer competition from Brazil certainly clouds the export market for continued strong U.S. meal demand, he adds.

Livestock and poultry prices must maintain their vigorous pace in order to support current or higher

meal prices. Domestic consumption must stay strong. It looks like it will, notes Purkey. Meal buyers had hoped for price pressure from a bigger Brazilian crop. But with the size of that crop in question, this is uncertain.

Soy oil stocks are another factor in the pricing picture. The latest U.S. Department of Agriculture supply/demand estimates for soy oil increase by 100 million pounds export projections, but leave unchanged the domestic projection. Still, observes the economist, projected carry-over of soy oil is 1,030 million pounds versus only 729 million last year.

Will farmers plant more or less beans than the January 65.4 million acre estimate when Spring rolls around? Early indications are that Mid-Western farmers will still plant about the same amount of corn indicated in that same January 22 acreage report — 80.6 million acres. But a wet and late figure and raise the bean

acreage accordingly. "I think there is a strong likelihood of this happening, particularly in the Southeast," predicts Purkey.

He also expects the dollar to continue to play an important role in terms of bean prices during the coming year. "If it continues to slide, many farmers would simply rather hold beans than an eroding dollar. Also, a continued weaker dollar will encourage further expansion of export demand for U.S. soybeans up to that point where no more can be used. Also, if the dollar continues to slide, we will likely have a stronger gold market. And if a stronger gold market continues, the speculative fraternity will likely continue to trade beans from the long side."

So where will bean prices go from there? The week Purkey spoke on Delmarva, new season's highs occurred for several delivery months. "A continuation of this current rally will persist

until the dry weather pattern changes to continued adequate rain in Rio Grande do Sul (one of Brazil's main soybean producing states)," he predicts. This rally will also be helped along by the weaker dollar, stronger precious metal prices and a generally bullish attitude on the part of speculators.

Had timely rains fallen in Brazil at the first of February, or even since then, bean prices would have had a hard time reaching their current level, even considering the dollar/gold situation, the economist told his February 15 farmer audience. We could have well seen a 50 cents to 75 cents drop in bean prices with those rains, he says. That potential drop could still be on the back burner, waiting for the final Brazilian yield to be determined.

"If the Brazilian crop ultimately comes in at 11.5 and 12.5 million tons and a more stable dollar begins to appear, bean prices will

(Turn to Page 147)



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Walton addresses International Holstein Forum

OSNABRUCK, Germany - Dr. Robert E. Walton, President of American Breeders Service (ABS), the nation's largest artificial insemination company, was the leadoff speaker at the International Holstein Forum in Osnabruck, Germany, on January 23.

His topic was "Dairying In The Year 2000" in which he reviewed changes of the past 20 years and looked ahead 20 years. He forecast dramatic changes in herd and individual production levels with the top herds averaging 33,000 pounds of milk per

cow per year and the top individual record at 70,000 pounds of milk. The top current herd average of over 25,000 pounds at Lindskog's Arlinda Farms in California created a buzz in the audience when announced.

Walton emphasized the

need for European dairymen to take the lead in promoting consumption of milk and milk products in their own countries if they expect to have a large and profitable market for their product in the year 2000.

Walton noted the fast

growing influence of U.S. Holsteins in the European cattle population and recognized the need for greater attention to protein and butterfat per cent in genetic material from the U.S. He also noted that the U.S. Holsteins would contribute higher milk

production, greater size, improved udders and better feet and legs.

Over 1200 German dairymen plus visitors and guests from 12 countries were in attendance at the Forum which was sponsored by the Osnabruck Herdbook Society.

Crossbreeding 'binge' is decreasing

COLUMBIA, Mo. - The crossbreeding "binge" and the promotional schemes to cash in on higher prices for exotic cattle breeds are easing somewhat, according to animal geneticists.

John Lasley, University of Missouri-Columbia animal scientist, says he and his colleagues in other states agree that crossbreeding has made valuable contributions and the practice will continue.

But the big push for the exotic breeds is easing off, he said, because cattlemen

realize there are no super breeds.

"Breeders have pretty well worked out the different crossbreeding schemes they need for improving production," said Lasley.

"The breeds used for crossbreeding will depend somewhat on the area of the country and what the cattlemen are trying to do.

"For example, those in the South and Southwest will probably use Brahmans in their crossbreeding program because of that animal's adaptability to heat.

"A little farther north, where forages are good, you may see the dairy breeds crossed with beef breeds.

"Breeds like Hereford, Angus, Charolais and Summental fit well in range country in a cross breeding program where climates are temperate but they may also perform well in other areas such as the Midwest."

Lasley, who has conducted

extensive crossbreeding research over the past decade, emphasized that three-breed beef crosses are still out performing both two-breed backcrosses in his experiments.

The three-breed cross in the UMC study includes Angus, Charolais and Hereford breeds. Different bulls are used for breeding

each year so that a wider sampling of bulls from each of the three breeds can be made during the course of the experiment.

The three-breed cross has produced 66 pounds more calf weaned per cow exposed to the bull, mainly because "the three-breed cross is

superior in terms of calf livability," said Lasley.

"Of the calves born to cows in the three-breed cross, 97.5 percent were weaned. This compared to 93.5 percent for the two-breed cross and 90 percent for the two-breed back-cross."



Marketing soybeans

(Continued from Page 146)

again come under selling pressure," predicts Purkey. "A very volatile bean market appears likely over the near term with 30 cents to 50 cents swings over short periods of time taking place."

"We might yet see the \$8 bean price if more bullish news comes from either Brazil, additional China purchases, Russian purchases, over and above what the market anticipates, continued speculative buying, the Chinese Vietnam problem, or further restriction of the Iranian crude oil supply," he continues.

But, he warns, the market could well develop a trading range atmosphere, with \$7.50 to \$8.25 as the high side of the range and, under

better conditions, \$5.75 to \$6.50 as the low side.

"It is difficult for me to see beans re-tracing 1973 or 1977 high prices in the coming year," adds Purkey, who thinks it's still too soon to tell exactly what they'll do. "We should remember," he cautions, "that in 1977 bean prices hit a high of almost \$11 in March, followed by a decline into July-August to the \$5.25 level. There are always two sides to every market."

Growers need to be aware of all these factors, stresses the economist, if they are to develop a successful strategy for selling their 1979 soybean crop. More than ever before, they need specialized training and counseling in order to cope with and benefit from today's complex marketing structure.

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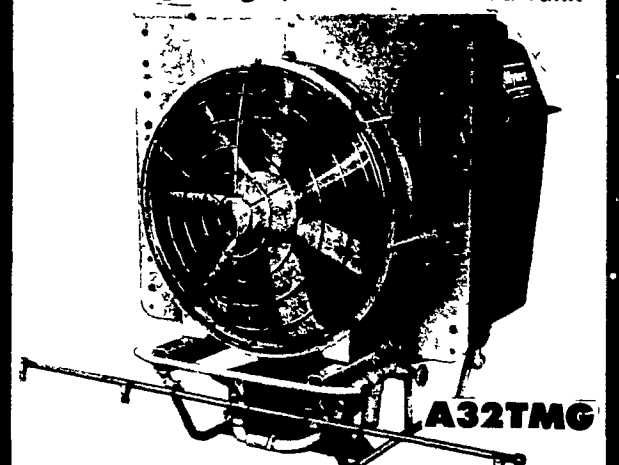
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Today's dairy problems require new cow sense

COLUMBIA, Mo. -- Dairy men need a new sort of "cow sense" to deal with today's problems and technology, the program leader for dairy production in the U.S. Cooperative Extension Service told a group of Missouri dairy operators recently.

"You will recall that successful dairymen of the past had what you call 'cow sense.' This is still needed, but it is a very different 'cow sense' that is needed today," said N.P. Ralston at the Missouri Dairy Herd Improvement Federation

meeting at the University of Missouri-Columbia.

Dairymen today "have a lot of information from a lot of different sources — in some cases more than you need, sometimes want, to help you make decisions."

All this information,

however, needs to be improved, Ralston said.

"I believe the time has come for us to find ways and means to handle this information so that it can be made available to you nearer to the form you need."

The National Dairy Herd Improvement Association and the National Cooperative Dairy Herd Improvement Program (which includes the joint efforts of National DHI, state extension units and USDA) are working together on a Mini-Computer Task Force, "to examine the kinds of equipment and programs which might be needed by dairymen to help them use their data much more effectively and to help in collectively making better decisions."

Ralston praised the national and Missouri Dairy

Herd Improvement organizations and other groups for the progress they have brought to dairying.

He noted that while the number of dairy cows in the U.S. has decreased by 50 per cent in the last 20 years, 100 per cent more milk per cow is being produced. He said cash farm receipts from dairying amount to more than \$16.5 billion annually (\$3.5 to \$4 billion is from sales of meat) and that "this represents one third of cash farm receipts of all livestock and one sixth of all agriculture."

"The U.S. dairy industry is perhaps one of the most advanced, sophisticated and complicated agricultural commodity enterprises today."

Despite this success, problems plague dairying. Some of these problems include inaccurate records

and the need for more "good analytical work" from records for selecting and mating purposes. Also, too few dairymen are in "sound dairy farm financial record keeping programs" to benefit decision-making in dairying on an individual and collective basis.

To solve these and other problems, dairy operators and dairy organizations need to work more closely together and the administration of dairy programs needs to be streamlined, Ralston said.

"The leadership is now emerging from dairy organizations which recognizes that views and thinking should be consolidated to focus on identifying needs and setting priorities and directing specific resources to solve problems on a definite schedule."

Sire summaries called a 'powerful tool'

BRATTLEBORO, Vt. — In a Holstein Science Report just released by the Holstein Association, a Virginia researcher calls U.S. sire summaries the "Most powerful tool for genetic improvement" available to dairymen.

Dr. W. E. Vinson, of Virginia Polytechnic Institute and State University, concludes in his interpretation that "the intense selection which is possible through the use of artificial insemination elevates sire selection to a position of primary importance" for Holstein breeders.

The failure of the bull to express many traits of importance to dairy producers, forces an evaluation of sires to be based on the performance of

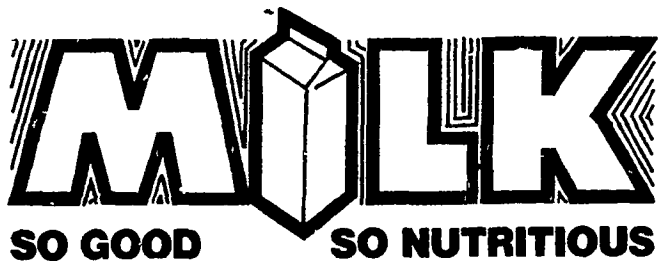
their female relatives. Daughters are the relatives of choice in artificially bred populations, due to the large number which can be produced and measured, and the wide range of environmental conditions in which they can be performance tested.

Vinson, in his report on sire summaries, gives an overview of sire evaluation methods complete with detailed explanations of predicted differences for production traits, sire transmitting abilities, and non-genetic factors.

Sire summaries are published twice yearly by the U.S. Department of Agriculture and the Holstein Association. USDA summaries contain production evaluation, whereas, the Association summaries

include evaluations for production and type.

Copies of the Holstein Science Report, "Interpretation of U.S. Sire Summaries," are available from the Holstein Association, One South Main Street, Brattleboro, Vt. 05301



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Low boron levels may depress yields

NEWARK, Del. - Low boron levels in Delaware's coastal plain sandy soils may be holding down corn yields. This is the observation of University of Delaware Extension Agonomist Dr. William H. Mitchell, based on information collected this Summer as part of the Extension's service's "First State Irrigation Program."

According to Mitchell, soil and plant tests involving 50 Delaware irrigated corn field during the recent growing season showed boron to be the plant nutrient most frequently in short supply.

"Boron is easily leached from soil in the root zone by rainfall," explains the

specialist, "and given the low native levels of this nutrient in coastal plain sandy soils, it's not surprising that in some cases the shortage is depressing corn yields."

There's some disagreement among plant scientists as to what constitutes a short boron supply. Since deficiencies in corn aren't dramatic or easily seen, Mitchell considers soil and tissue tests to be the best approach to the problem.

Results from such tests obtained during the past year from the irrigation program at University research plots at Georgetown should make it possible to more accurately

diagnose boron deficiencies, reports the scientist.

The work involved a two-step approach. First, the levels of boron in soils and corn leaves on cooperating farms were determined through a series of diagnostic tests. The second step involved running controlled field tests where boron was applied using several different methods. Yield increases from applied boron in these controlled tests suggest that properly applied boron may also boost corn yields on farms with similar soil conditions.

The average boron level on the cooperating farms was .35 (PPM) units in the soil and 7.8 units in plant leaves. Levels found at the

Georgetown test site were slightly higher at .40 units for soil and 10.0 units for leaves.

At the test site, boron treatments caused an average yield increase of about 7 bushels of corn per acre, or a return of about \$8 for each \$1 invested in boron fertilizer. The best treatments involved mixing boron with nitrogen solution and applying this as a broadcast spray immediately after planting, or as a side-band treatment at

planting. Boron sprayed on the corn leaves when plants were 3 to 4 feet high proved ineffective in these tests.

The agronomist says there is still some question as to whether or not the .40 soil and 10.0 leaf unit levels are critical for boron in southern Delaware, since boron availability is a complex matter involving pH, organic matter, levels of calcium and potassium, and available soil moisture.

Considering all these variables, there is an ob-

vious need for more information on the subject. But for the present, Mitchell feels that any corn grower with boron values lower than those found in the Georgetown tests while at the same time having low organic matter and high pH levels, should consider applying additional boron to his crop. Information gathered from the First State Irrigation Program shows that a large number of Delaware corn fields fall into this category.

Family gardens take planning now

NEWARK, Del. - To help bring a little Spring into a cold and snowy Winter, now is the time to start planning the family garden for next Summer, says Delaware extension home economist Sue Schaefer. Seed catalogs are arriving by mail, and some stores already have their seed selections ready for purchase.

Other than making one long for warmer weather, the seed companies are encouraging you to plan early for a rewarding yield from the garden. The selection is greatest now, before the first warm weekends of Spring arrive and people rush out to buy their favorite tomato and corn varieties. By buying early, a person could start some vegetables indoors for an earlier appearance of fresh lettuce, tomatoes and cauliflower on the table.

The first step in planning this year's garden is to review the notes and comments one has made on last year's garden, notes Schaefer. Remembering the varieties of peas, beans, peppers and other vegetables which prospered in the garden and were family favorites will help in the selection. If one was not

happy with last year's selections, the seed catalogs can help choose alternative varieties. For example, the catalogs list spinach varieties which will not go to seed during the first hot spell of the year, and tomatoes that are resistant to disease such as wilt.

The catalogs also note which varieties of vegetables are best suited to the end use one has in mind. For example, if a person is planning to make pickles, she should select cucumber varieties bred for this purpose to help insure crisp, firm pickles. If one plans to can vegetables, then she should choose those varieties described in the catalogs as best for canning. If one has a place in her home suitable for storing vegetables such as Winter squash or onions, select varieties which are described as storing well.

As one goes through the catalogs, she may want to add some new vegetables to your garden. Putting in eggplant, Chinese cabbage, "spaghetti" squash, beets or winter squash could add some new interest to meals.

One can use notes from last year to plan for the yield that accurately meets family needs. For instance,

if one wants to use corn fresh with no plans to freeze, can or dry it for later use, then grow only the amount the family can consume fresh. This will allow one to use the extra garden space for other vegetables. But if planning to preserve corn for later use, one can be sure to plan for that amount.

Now is the time to start collecting recipes for using those Summer vegetables, also, Schaefer points out. If the family enjoyed eggplant parmesan at the beginning of last year's season but tired of it long before the last eggplant was picked. One can think about adding to the selection of eggplant recipes. A person should keep an eye out for recipes in newspapers, magazines or on labels of store-bought vegetables. If one gets snowed in or iced in, she can take the opportunity to go through cookbooks, noting recipes and page numbers for easy reference next Summer. As one knows, a person doesn't get much of an opportunity to recipe-hunt when the vegetables are ripening by the armful and the weeds in your garden need immediate attention.

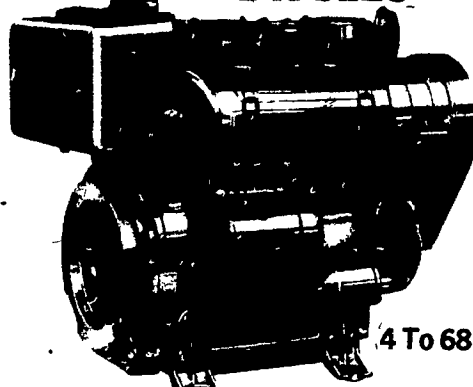



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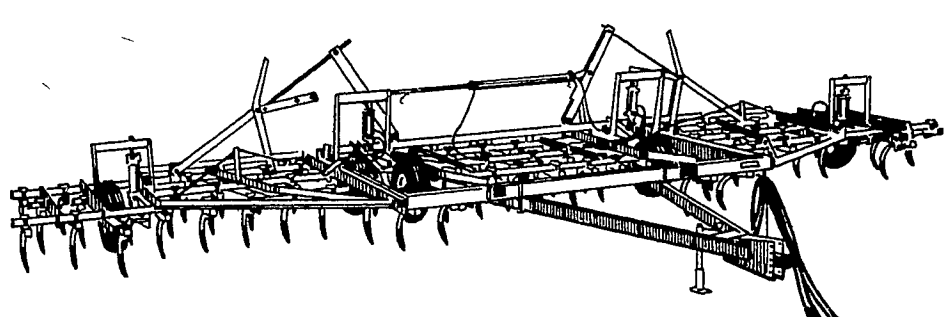
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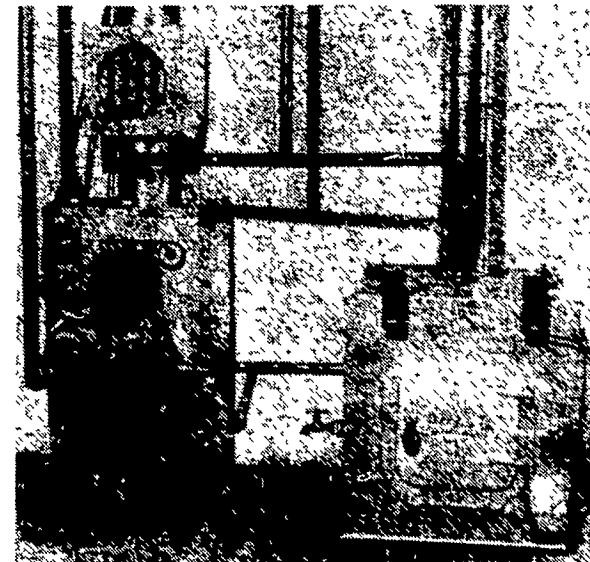
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Soil and animals contribute to non point pollution

COLLEGE PARK, Md. — Nonpoint pollution has a two-way impact on our nation's rivers, streams, lakes and harbors according to specialists at the University of Maryland.

First, there is a non-organic filling-in effect caused by sedimentation, or settling of soil particles as a result of stormwater run-off from agricultural land, forests, streets, parking lots, lawns, strip mine areas and construction sites.

Secondly, there is an organic effect involving growth processes referred to by scientists as eutrophication and putrefaction. This phenomenon results from water being polluted with nutrients, organic matter, microorganisms and other materials. Sources for such pollution would include septic tanks, animal pens, and areas where fertilizer or chemicals have been applied on land vulnerable to rapid run-off.

While not organic themselves, fertilizer and chemical particles provide nutrients which can fuel the processes of eutrophication and putrefaction.

Farmers are not the only contributors to nonpoint pollution problems, by any means, declares Dr. Fred P. Miller, professor of agronomy and Extension soil and water resources specialist at the University of Maryland in College Park.

In fact, studies in New Jersey, Virginia, and other states indicate that forested and undeveloped land contribute little pollution per unit area; that row-crop agriculture and single-family housing contribute moderate amounts, and that shopping centers, multiple-

family housing, urban centers, and industrial activities are generally high contributors to stream pollution—using the per-unit measuring method.

However, Miller explained, keep in mind the large areas devoted to agriculture in this country and the fact that some of this farmland is vulnerable to rapid surface run-off. Materials carried from these vulnerable areas—especially when in proximity to streams—can contribute significantly to the total amount of pollutants in a body of water.

Miller notes that nonpoint pollution is really a function of dosage. In many watersheds, no one source can be identified as the major contributor. Rather, it is the sum total of all contributors that most often causes a problem.

Agricultural activities tend to contribute significantly toward the supply of nutrients in polluted waters, while stormwater run-off from shopping centers is often high in poisonous lead contamination.

All of this does not mean that farmers—or any other group—can point to others while doing nothing themselves to help solve nonpoint pollution problems. The time for action is here, and, hopefully, it can be done largely on a voluntary basis.

Maryland has a showcase example of how this can be accomplished. That is the dramatic transformation resulting from a one-day facelifting operation last Summer (Aug. 19, 1978) on the 245-acre Warren D. Roelkey farm near Knoxville, in central Maryland's Frederick county. It was

dubbed "Operation Clear-water."

That event was sponsored by the Catocin Soil Conservation District, with assistance from the Farm Bureau, Grange, Future Farmers of America, and many civic, commercial, governmental and educational groups—including the University of Maryland's Cooperative Extension Service. Much of the latter effort was coordinated by Extension agents in Frederick county.

An extensive terrace-building program helped switch the Roelkey crop-farming operation from "up-and-down" to "around the hills," thus reducing annual sedimentation loss into the streams and the nearby Potomac river from an estimated 350 tons to only 40 tons or less. (A neighbor's farm pond has been completely filled in by this sediment run-off in earlier years.)

And the big cutback of stormwater run-off has eliminated—for all practical purposes—previous washing of fertilizer and herbicide salts into those same waterways.

Also helping to meet clean water standards was virtual elimination of contamination from animal waste run-off on the Roelkey farm. This was accomplished by bulldozing a 1.1-acre farm pond, building a new hoghouse with farrowing stalls and a fence to keep pigs from wallowing in a stream leading to the Potomac river, and construction of two gravity-flow pasture-watering troughs to help keep other livestock out of the stream.

G. Paul Edwards, district conservationist for the U.S.

Department of Agriculture's Soil Conservation Service in Frederick County, predicted a 25 per cent increase in corn production and a 50 per cent increase in pasture grazing capacity as a result of the Roelkey farm renovation.

He reported that a recent inspection (early March) revealed water from the Roelkey farm stream was running clearer than water from streams on neighboring farms, despite the pollution potential created by spring rains and extensive melting from this past Winter's heavy snowfall.

Financial underwriting for such a project could be handled on a cost-sharing arrangement through county offices of the USDA's Agricultural Stabilization and Conservation Service (ASCS).

Technical and general advisory assistance is available from professional people like Edwards and his counterparts in the Soil Conservation Service and its associated soil conservation districts throughout the nation.

Other professionals here in Maryland who can help are appropriate representatives of the University of Maryland's Cooperative Extension Service and the Forest Service of the state Department of Natural Resources.

Finally, some specific guidelines on nonpoint pollution from dairy and livestock farms are contained in a mimeographed leaflet revised earlier this year by Herbert L. Brodie, agricultural engineer on the upper Eastern Shore for the Maryland Cooperative Extension Service.

The leaflet is titled "Water

Pollution—How Do You Measure Up?" It is identified as "Facts No. 102." Single copies are available free by writing to: Agricultural Engineer, Cooperative Extension Service, County Building, Centerville, Md. 21617, or by telephoning Brodie at (301) 758-1064.

In the leaflet, Brodie points out that farm animal production systems can cause water pollution as the result of direct discharge, diffuse run-off, seepage, or

percolation of pollutants to surface or groundwater.

One of the large sources of pollutants on most livestock farms is obviously manure, he comments. Thus, management and handling of both manure and animals is an important part of water quality improvement.

Brodie's leaflet is intended to help livestock farmers determine how they measure up to recommended standards and what might be done to correct possible deficiencies.

PLOWS?



Allis-Chalmers Will Make a Believer Out of You.

A firm believer, that is, in Allis-Chalmers' complete tillage systems aimed at suiting your fields ... and your plans.

Monoframe plows that grow with you. Tough chisel plows that adapt to a variety of tillage plans, from minimum tillage to full field preparation. Two-way plows that excel in strength, speed and flexibility.

Look at our full line of plows and tillage equipment ... We'll help you choose a tillage system you can believe in.

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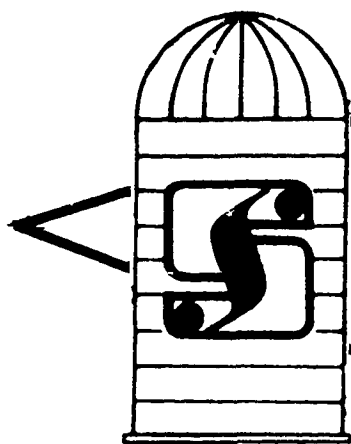
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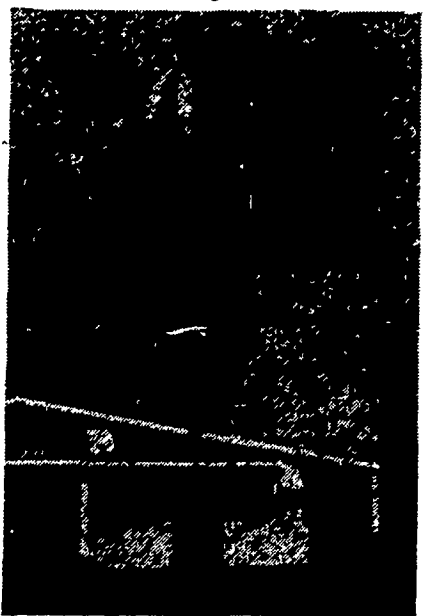
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Wood power plant produces energy in rural area

UNIVERSITY PARK, — energy needs of nearly 800,000 people or of a small industrial park situated in a very rural area. So say two Pennsylvania

State University scientists who have studied the energy self-sufficiency potential of a rural, north-central Pennsylvania town.

Using the energy needs of the town of Renovo in Clinton County and of the forests within a 35 mile radius, forestry experts Paul R. Blankenhorn and Todd W. Bowersox estimated that a wood-fired power plant could generate eight per cent more energy than all the energy needed to produce and transport the energy obtained from wood.

"We've found," explains Dr. Blankenhorn, an associate professor of wood technology, "that in an area such as Renovo, considerably more forest biomass is available than is needed to supply a 100 megawatt generating facility. We've also determined that in Renovo such a power plant could be continuously fired, either by special trees grown on about 150,000 acres and harvested every four years, or by the wood wastes from forestry operations.

"The big question we didn't investigate is whether such a wood-fired system would be worth the initial higher investment — since it would be far more costly than constructing and installing an oil, gas or coal-fired system of comparable power. Only future costs and availability of other fuel sources will determine this answer."

Drs. Blankenhorn and Bowersox, who have been investigating biomass-fuel feasibility for more than a decade, emphasize that wood fuel is not a panacea for the nation's energy needs. They are suggesting only that forest resources in heavily rural parts of certain states might provide a substantial part of the residential and/or industrial energy needs of the local region.

Using a procedure which they developed, they chose Renovo as an example site, to demonstrate how a region could be evaluated to assess the merits of energy production from forest biomass.

They opted for Renovo primarily for two reasons: it lies in a sparsely populated, densely forested region; and it has both the large water supply crucial for electrical power generation, and the transportation access essential for any industry.

Renovo is adjacent to four major rivers — the Clarion, the Allegheny and the West and North Branches of the Susquehanna; and to good north-south and east-west roads — Pennsylvania Routes 144 and 120 and U.S. 220.

Relating their evaluation procedure in a bulletin published in September by the University's College of Agriculture, the two scientists note that their target area, most of which lies within portions of eight counties, is 83 per cent commercial farmland. They also point out that 82 per cent of all land in these and seven adjacent counties — from Venango in the west to Sullivan in the east — is also designated commercial forestland.

Their research is significant, they explain, because the same procedures can be adapted to any other site, and can be adjusted for a different resource base or end energy products.

Taking the broad overview, the forestry experts studied biomass as a possible industrial fuel — one which might attract small industries into rural areas. This would provide both jobs and more efficient use of forest resources.

Dr. Bowersox, an assistant professor of silviculture, is growing and testing seven genetic strains of cottonwoods — a hardwood species which both grows quickly and resprouts when cut down. Like other researchers around the country, he is trying to find which hybrid has the best

potential as a biomass fuel source.

"Our idea," explains Dr. Bowersox, "is to grow 'energy plantations' on large tracts of unused land in rural areas. Depending on conditions and location, wood fuel would be derived either from these trees alone, or from a combination of the trees and otherwise unusable wood in forests and sawmills."

Currently, he continues, forests in Pennsylvania and elsewhere have huge quantities of "garbage" trees which, for varying reasons, have no commercial value. Although thinning operations would benefit cultivation of high quality lumber, the process is too expensive unless the culled wood can be utilized. The biomass-fuel concept would provide such an incentive, Dr. Bowersox says.

"As for the 'energy plantations,'" he explains, "these would have a cornfield appearance. Deciduous trees would be planted close together in rows. With proper species selection, the trees would be harvested every four years and the stumps or roots would resprout."

Noting that a group of hybrids with a high growth potential already have been developed, Dr. Bowersox explains that he's trying to maximize energy yields.

"We anticipate," he says, "that yields will be at least three to five times greater than that of traditional forests, thanks to species selection and fertilization techniques. We're only at the threshold of choosing the best combination of species and cultivation methods — because it doesn't necessarily follow that the tree which grows the fastest will also provide the most energy."

(Turn to Page 152)

ADDITIONAL EQUIPMENT TO BE SOLD AT MARSHALL MACHINERY INVENTORY REDUCTION SALE SATURDAY, APRIL 7

9:30 A.M.

MF 175 diesel, Ferguson 35, JD 350 dozer with 6 way blade, AC 6G crawler loader, 10 ton built top trailer with air brakes, NI 310 1-row picker, IH 400 cyclone 4-row corn planter, MF 124 baler with thrower, Ford chopper with 1-row corn head, NH 66 baler with engine, JD TWA plowing disc, Case & MF 11' transport discs, Glenco 3 pt. hitch chisel plow, Glenco trailer chisel plow, Ford 3 pt. hitch 4 bottom reset plow, 20' implement carrier trailer.

SPECIAL CONSIGNMENT OF EASTER LAMBS & GOAT KIDS SALE "ALSO EASTER RABBITS" THURSDAY, APRIL 5

11:00 A.M. Sharp

Early consignments appreciated. For information, call 717-837-2222.

Owners,
DON & WALT KEISTER

Terms - Cash

Larry Long, Auctioneer

Restaurant Open.

**KEISTER'S MIDDLEBURG
AUCTION SALES INC.**

Middleburg RD3, PA
3 miles East of Middleburg
5 miles West of Selinsgrove
along Rt. 522

KEITH ROBBINS COMPLETE DISPERSAL

To be held at Lloyd Barber farm, Halsey Valley Rd., 6 miles South of Spencer, NY off Rt. 96, 13 miles north of Owego, NY, use Rt. 17-C to Tioga Center, NY to Halsey Valley Rd.

FRIDAY, APRIL 6

10:30 A.M.

**45 REGISTERED &
HI GRADE HOLSTEIN CATTLE**

35 Mature cows, about 50% registered including 3 own daughters of Pawnee Farm Arlinda Chief, 1 Paclamar Astronaut, 1 Silver Tim plus others by top sires, 12 fresh in last 30 days, 6 handling and springing, balance all stages, 5 bred heifers, 5 open heifers and cows, cattle that will go home and improve & please.

Auctioneer's Note: The Robbins have been breeding cattle for many years and purchasing from top herds. The herd has been moved for sale from their farm in Columbia Crossbreds, PA.

**2 SEMEN TANKS
& SEMEN**

Cattle 30 day blood and TB tested, cattle vet examined.

FARM EQUIPMENT

JD 3020 D with cab and side console, JD 3020 with duals, AC 12 ft. transport disc, AC 4 row no-till corn planter, 2 Killbros 350 grain boxes and wagons, Ford 4 row cultivator, Dion SU wagon, Dion blower, Oliver 4-16 semi plows, Oliver 3 bottom 3 pt. plows, JD drill, Int. 4 row corn planter, JD hayrake, Gehl chopper, 16 ft. transport drags, JD 45 front end loader, JD 483 mower conditioner, NH 27 5 baler with thrower, NH 404 crusher, NI trailer mower, sprayer, fertilizer spreader, dump wagon, Int. riding mower, Skeleton elevator, King Wyse 40 ft. elevator, Calumet liquid manure pump, 1968 GMC truck with 17 ft. dump body.

Terms: Cash or good check.

Lunch Available

Owners,
KEITH ROBBINS

Howard W. Visscher
Sale Manager & Auctioneer
Nichols, NY 607-699-7250



GAP AUCTION FRIDAY EVE., APRIL 6, 1979

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

Selling for the Anna E. Meagles Estate of Parkersburg:

6 Oak matching chairs; old kitchen cupboard; treadle sewing machine; mahogany drop leaf table; ferneries; oak side board; small oak ladies desk; Empire mirrors; brass clothes tree; several old rockers; oak extension table; old radios; oak sectional bookcase; 2 rope beds, 1 spool; small horsehair rocker; cedar chest; high oak bed, dresser & washstand; very early blanket chest w/2 drawers Empire & other early chests of drawers w/graduated drawers; victrola; oak clothes tree; iron bed w/brass top; cane chairs; oak shelf clock; camelback & other old trunks; several picture frames, some deep well; shaft bells; ladles; oil lamps; old locks; pocket watches; sad irons; dishes & glassware; foot powered grind stone; copper wash boiler; very old crosscut saw w/wooden framework; crocks; jugs; few hand tools; much more.

This is just a partial listing.

Norman Pine, Attorney

Thaddeus W. Wilde, Executor

CONSIGNMENTS ON MONDAYS

FROM 8:00 A.M. to 7:00 P.M.

OTHER DAYS BY APPOINTMENT.

Call us for pick-up service.

IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

OF ANTIQUES &
COLLECTIBLE DOLLS
FOR M. J. HOCKMAN

SATURDAY, APRIL 7

10:30 A.M.

Located at 116 Grove St., Glassboro, NJ. Take 322 East off Commodore Barry Bridge to Glassboro, NJ, go South on Rt. 47 & turn right on Grove St. See Auction arrows.

Old jelly cup cabinet, velvet Victorian sofa, marble top table, wicker child's rocker, old wicker coach, organ, old stove, brass floor lamps, tiffany type hanging lamp, tiffany table lamp (very old), depression glass, Roseville, old McCoy, Hull, Occ. Japan, collectors plates, (mostly Bavarian), Eisenhower limited edition mugs, clocks.

DOLLS, DOLLS, DOLLS - Such as A & M Bisque, composition Shirley Temple, vinyl Shirley Temple, Jimmy John, Whimsy, Larry Hoyer, Saucy Walkers, False Snow White, Lois Jane, vinyl Hummels, Harriet Hubbard Ayers, some new Bisque, dollhouse. Many beautiful collectible dolls to be sold. Don't miss this sale.

Ralph D. Hughes - Auctioneer
609-589-6454

SPECIAL FEEDER SALE

G. M. LIVESTOCK MARKET
Duncansville, Pennsylvania

SAT., APRIL 7, 1979

1:00 P.M.

We will sell Feeder Cattle, Stock Cows,
Feeder Pigs, and Stock Ewes.

Bring A Load - Buy A Load

To consign —

call Sherman Glick, Lewistown (717) 248-0960

or Fred McCartney (717) 349-2393

or Wayne Fredericks (814) 793-3370

PUBLIC AUCTION

OF VALUABLE 128 ACRE FARM
SATURDAY, APRIL 21

12:00 O'CLOCK

Located 2 miles Southeast of Mt. Crawford, Va. on Route 11, turn East on Route 990 (8 miles South of Harrisonburg, Va.).

To settle the estate of C.D. Simmers, we will offer for sale a 128 acre farm, more or less, with 85 acres rich river bottom land, 25 acres of timber, 13 acres of pasture, with approximately 7,000 ft. river frontage. A 6 room frame dwelling with bath and warm air furnace, barn, garage, and several outbuildings.

Terms: 10% down on day of sale, balance due with delivery of deed. For appointment to view property call (703) 434-3358.

Personal property and farm equipment sale will begin at 10:00 A.M.

Larry E. Garber
Auctioneer

W. W. Simmers, Sr.
Power of Attorney
Estate of C. D. Simmers

Rohrer named 'Golden Dealer'



The annual Ortho Golden Dealer Conference was held in San Francisco recently to honor some of the company's top fertilizer dealers. These men are recognized by Chevron Chemical Company to be among the nation's outstanding representatives of agribusiness, based upon both business and community leadership. Willis Rohrer, P. L. Rohrer and Bro., Inc., Smoketown, Pennsylvania, left, was presented a "Golden Dealer" plaque by R. H. Matzke, vice-president, Ortho Fertilizer Division. Bob Swadley, Ortho district representative, Findlay, Ohio, received a gold pen and pencil set. Rohrer and Swadley were featured speakers during the two-day conference.

Wood power plant

(Continued from Page 151)

Once the optimal combination of tree and fertilization technique has been decided upon, Dr. Blankenhorn's expertise comes into play. He is investigating two ways of using wood for energy other than burning it: converting it to charcoal or oil.

"We already can do these types of conversion," Dr. Blankenhorn explains, "but they're complicated and expensive. We're trying to learn as much as possible about these processes in order to improve conversion efficiencies."

"Ultimately," Dr. Bowersox adds, "there may be links between hybrid type and conversion process. We know we're only at the brink of a long research road — a road which, one day, may bring us full circle in the use of wood as an energy source. For, before the turn of the century, wood provided 90 per cent of the nation's energy resources."

PUBLIC CONSIGNMENT SALE

By Greater Hazleton Builder's Assoc.

Located 10 miles N.E. of Hazleton, along Sybertsville to Mt. Grove Road, at the Valley Seeding Co. (Luz. Co.).

SATURDAY, APRIL 7

Starting 9 A.M.

1932 Ford Model BB 4 cyl. 1½ ton Stake Bodied Truck; 1936 Cadillac Model 6019 Sedan, less than 29,000 Original Miles, Nice; 1967 Triumph TR-4A Sports Car, New Paint & Chrome, Original; Over 150 Anderson, Malta & Biltbest Double Hung Window Units; 105 Prs. Anderson Narrowline Window Sash, 18 Sizes; over 300 Sheets 4 x 8' Paneling; 13 Cartons Oak Wood Block Flooring; 6000 lin. ft. White Pine & Prefinished Moulding; 2250' Metal Plaster Bead; 30 Exterior Doors; 15 Bifold Closet Doors; 6 Pre-Hung Interior Door Units; Sliding Tub Enclosure; Medicine Cabinets; Picture Window Units; 30-52 Gal. Whiskey Barrels; 20 Triple Track Storm Windows; Door Knockers; 5 Complete Fireplace Sets; Black Glass Fireplace Doors; 2 New Elec. Wall Ovens; 2 4 Burner Surface Units; 2 New Dishwashers; New Range Hoods; Light Fixtures; Plumbing Fixtures; 9 Ton Triple Axle Low Boy, Nice; 24' Hay Conveyor; C.I. Engine; Antiques; Hay Wagon; Fanning Mill; Corn Sheller; Potato Planter; Platform Scales; 50 gal Oil Dispenser w/Pump; 5½ & 10 h.p. Outboard Motors, Gang Mowers w/Sharpening Equipment; 5 Unfinished Wooden Typing Tables; Etc. Expecting Tractors & Farm Machinery not listed. To Consign Call (717)788-2007.

Auct. Max Fraley & Son
546-6631

Lunch

Trees reduce energy costs, demonstration will show.

LANCASTER — Using trees to conserve energy for home heating and cooling is an old concept which has been revived recently to help meet the energy crisis facing our country.

The Lancaster County Extension Service has scheduled a Tree Windbreak Planting Demonstration on Thursday morning, April 5. This public demonstration will start at 10:00 a.m. on the small farm of Walter Brent, Orchard Road, Manheim R6, (located one mile north of Manheim just east of the Manheim-Mastersonville road).

With the assistance of Dr. Jerry Reyburn and Dr. David DeWalle from the Forestry Department at Penn State University, Max Smith, Lancaster County Agricultural Agent, will supervise the planting of three rows of evergreen trees. These will be on the west and northwest side of the Brent farmstead. FFA chapter members of the Manheim Central High School will assist in the actual planting of the small trees. Species to be planted

include Colorado Blue Spruce, Douglas Fir, and Austrian Pine. Reyburn and DeWalle will lead a discussion on the merits of tree windbreaks and give suggestions relating to planting and maintenance.

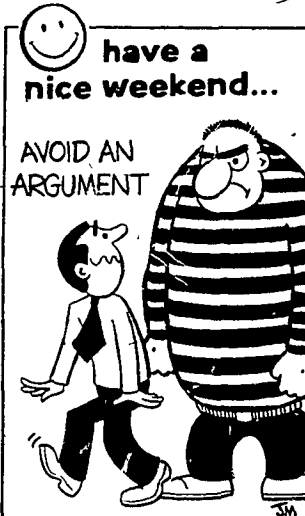
Following the above planting demonstration and discussion, those interested in observing an established tree windbreak will be guided to the nearby property of Rev. and Mrs. Richard Canfield, Sun Hill

Road, Manheim R1. At this property the group will recognize the merits of a good windbreak and hear a brief discussion from the Canfields.

It is the feeling that more tree windbreaks in this part of the country will help reduce fuel bills. In the West and Midwest they are very common to protect the buildings from the severe storms. The same principle of protection and conserving

fuel will be realized here in the East. This is especially true of homes or farmsteads that are exposed to the west and northwest.

Any interested person in this part of the state is welcome to attend this planting demonstration and tour stop. Smith suggests that more property owners consider tree windbreaks as a means of reducing both Summer and Winter energy costs.



PUBLIC SALE

OF HAY - STRAW - CORN
FRIDAY, APRIL 6

10:00 a.m.

AT NEW HOLLAND SALES STABLES

New Holland, Pa.

Farmers are invited to donate all kinds of hay - bedding - corn.

All proceeds go for World Relief and are channeled through the
MENNONITE CENTRAL COMMITTEE

Akron, Pa.

Why not share your abundance?
For information call 215-286-5995
or 215-286-9576

PUBLIC SALE

SATURDAY, APRIL 14

Located 2½ miles North of Oxford, ½ mile East of Route 10, along Hayseville-Lincoln Road, Chester Co., Penna.

FARM EQUIPMENT

Oliver "770" tractor; two Oliver "77" tractors; Ford Jubilee tractor; New Holland "65" baler with thrower; Dearborn baler; New Idea 1-row corn picker;

Oliver 12-disc grain drill; off-set disc harrow; two Oliver 3-bottom plows;

Two Gehl ensilage wagons; two wagons with bale racks; several low down wagons and beds; two Oliver grass mowers; stalk shredders; John Deere 40' elevator; grain augers and elevators;

John Deere corn planter; field sprayer; cultipacker; spike harrow;

Papec hammer mill; platform scales; two Jamesway silo unloaders 12' & 14'; drill presses; grain cleaner; corn shellers; pony cart;

Two Jamesway shuttle-stroke barn cleaners; silo pipe; tobacco ladders; 3-row market; hyd. cylinders; log chains; iron hog troughs; Handyman Jack; bag wagon; belts; bolts; pipe fittings; tractor chains; stan-chion parts;

Lots of scrap iron; Equipment for parts include two buses; manure spreaders; side rakes; discs; blowers; wagons; etc.

ENSILAGE FROM 12x50 silo by the foot

Delaval milking units; Wilson 6-can cooler; twin tubs; strainers; Bender auto washer; Copper kettle; hall racks; wagon seat; milk cans, and many other articles not mentioned.

Owner

MRS. TOM "ALICE" WOLF

Sale at 10:00 A.M.

Abe Diffenbach,
Abe Jr., Alan, Auctioneers

PUBLIC SALE

OF 35 ACRE FARM
HOUSEHOLD GOODS, ANTIQUES
AND FARM IMPLEMENTS

SATURDAY, APRIL 21

10:00 A.M.

2:00 P.M. Real Estate

Located north of Myerstown on Rt. 501, between Mt. Aetna and Bethel, Pa.

Selling:

35 acre farm with 1½ story frame home, 4 bedrooms with 2 baths, oil fired base board heat with summer hookup. Going roadside market and other out buildings. Land in high state of cultivation.

Owners,

**LOIS CAMPBELL
WILLIAM WEISER**
717-933-4955
Jay Brossman
717-484-4270

Auctioneer:
Cal Beanesderfer
717-866-2998

ANNUAL PUBLIC SALE

SATURDAY, APRIL 14

TIME: 1:00 P.M.

**FEEDER PIGS, BRED GILTS
AND BOARS**

The undersigned located 1 mile south of York Springs, just off Route 94, will offer for sale the following:

**250-275 HEAD OF HOGS
AND FEEDER PIGS**

35 bred gilts (most due within 2 weeks after sale, a few in May); 5 male hogs (7-8 months old). The balance are shoats from suckling pigs to 50 lbs. (most crossbred pigs). This is a fine lot of hogs; all home raised.

25 heavy hens, some bantams.

Order of sale: Fowl, feeder pigs, gilts, boars.

Terms: Cash

Visitors are welcome.

Refreshment rights reserved.

Not responsible for accidents.

Owner,

STAN L. REINECKER
R.D. #2, York Springs, Pa
17372

Clair Slaybaugh, Auct.
Chalres Gembe, Clerk

3rd ANNUAL BENEFIT AUCTION

For The New Danville Mennonite
School Building Fund
SATURDAY, APRIL 21

9:30 A.M.

To be held at our barn, ½ mile south of New
Danville Pike Rt. 324.

SELLING:

20 pigs; 3 to 4 month old bull calves; corn; hay;
straw; quilts; craft items and many, many other items
donated by patrons, friends and businesses to
numerous to mention.

Sanford Leaman, Auctioneer
717-299-5791



4-H APPENS AROUND THE WORLD

**OSAGE FARMS
MACH. DISPERSAL
CATO, N.Y.**

SATURDAY, APRIL 14

11 A.M.

Located on Jordan Rd. 1 mile south of Rt. 370
at Meridian & 6 miles north of Rt. 31 at Jordan.

MACHINERY

12 tractors inc. JD 4430 dsl., Mustang 1700 skid steer,
JD 730, JD 720, JD 60, 3 JD A's, JD B, Ford 8N & 9N
w/loader. All tractors have been to the shop to be
painted & ready to go. JD 3800 - 2 row chopper "like
new", NH 282 wire baler "exc.", NH 479 haybine,
Extra large NH spreader "nearly new", NI 2 row
picker grinder, new Schwartz high feed bunk feeder
trailer, JD chuck wagon, 2 Gehl unloading wagons
"one w/6 wheel tandem". Also 40 new lever stalls
complete, new Clover B Van Dale barn cleaner w/120'
chain. Shop tools inc. 2 elec. welders, portable gen., air
tire changers, lathe, drill press, etc.

This is just a very small portion. Full details next
week.

Owners,

THE DUDLEY ESTATE

Managed By Central Livestock

Boyd A. Resseguie, Auct.

PH: Tully 315-696-8446

PUBLIC SALE

**12TH ANNUAL
FEEDER STEER SALE
SATURDAY, APRIL 21**

STARTING 1:03 P.M.

Located 12 miles west of York, Penna. ¼ mile
east of East Berlin, Penna. along Route #234.

100 FEEDER STEERS 100

100 head of steers weighing from 300 to 700 lbs.
consisting of Charolais, Herefords, Angus, Holstein &
Crossbreds. All Acclimated & wormed. No horns, the
right kind for pasture.

**1 CHAROLAIS BULL
WEIGHING 650 LBS.**

12 Angus & cross heifers, 400-500 lbs.

FARM EQUIPMENT

Wagon on rubber w/2 ft. sides for grain, high wagon
w/steel rims w/flat, J.D. 12 8 ft. Level Harrow, Ford 2
Row Corn Planter, Sauter Manure Loader, Speedy
Flail Chopper, David Bradley 15 in. Hammer Mill, 7
H.P. Wheel Horse Mower.

Cattle dehorner, items not mentioned.

Owners,

**C.L. "COT" JACOBS
BARRY L. JACOBS**

East Berlin, Pa.

Clair R. Slaybaugh, Auctioneer

R. Kluck, Clerk

PUBLIC SALE

Located between Emmitsburg, MD and
Fairfield, Pa., 1½ miles West of Emmitsburg,
MD on Rt. 97, 1 mile North on Tract Road, east
on Boyle Road, first farm on left.

SATURDAY, APRIL 7

10:30 A.M.

5 TRACTORS AND MACHINERY

JD 3010 Gas Tractor, WF, loader; (2) Farmall M
Tractors; (2) Farmall H Tractors, corn planter and
cultivator; Int. 2 disc and 3 disc trailer plows; JD 8'
disc; Int. 7' disc; double 7' cultipacker; 3 section lever
harrow; Int. 7-13 disc grain drill; Int. corn binder; JD 1
row chopper; NH 33 flail chopper; NI cut/ditioner; NH
45 semi-mounted mower; Int. 15 hay rake; NH 68
baler; Meyers hay conditioner; Int. 62 PTO 6' com-
bine; Int. 40 hopper blower; NH #7 self unloading
wagon; NH tank spreader; 2 rubber tired flat bed
wagons; Mayrath 36' elevator; Gehl #120 grinder-
mixer, used about 20 times; Badger 18' silo unloader 7
H.P.; Badger 50' conveyor; Badger 50' self feeder; 14'
flat truck body; 12' silo roof; JD and NH choppers for
parts; junk Farmall H and other junk machinery; 2
horse Dray wagon (delivery wagon); approx. 800' 2"-
4" pipes; hydraulic cylinders.

1953 Reo Truck-6 good 8:25x20 tires

1973 Chevrolet Vega, 2 door, Auto.

1968 Chevrolet ½ ton pickup, 6 cyl., 3 speed.

7 CATTLE

2 Holstein Bulls, 4 Holstein Heifers, 1 Brown Swiss
Heifer. All 4 to 5 mos. old. 2 Yorkshire sows.

DAIRY EQUIPMENT AND FEED

Mojonnier 500 gal. milk tank; Girton 300 gal. milk
tank; Surge 3 stall pipe with new type slumline Randel;
Surge Alamo vac. 75 plus pump; Surge Electro-Brain
auto. pipeline washer; Surge pacemaker com-pak
receiver panel; Surge auto. feed system; wash tank
and racks; oil hot water heater; 5 ton grain bin, barn
fogger.

Approx. 1000 bales good mixed hay; 7½ tons ground
cattle feed.

Terms: Cash on day of sale. Not responsible for
accidents.

Sale by:

PAUL GOETZ

Auct: R. C. Mullendore

Clerk: C. L. Metz

Lunch Rights Reserved

SHORT NOTICE PUBLIC AUCTION

**FARM MACHINERY
GRAIN DRYING EQUIP.
1975 GRAIN TRUCK
WEDNESDAY, APRIL 4**

10:00 A.M.

Rain or Shine

For

Mr. & Mrs. Norman Hartung
Phillipsburg, N.J., R.D.

Farm is located on Creek Rd. Turn off Rt. 519
between Springtown & Warren Glen, N.J. and
proceed approx. 1½ mile down Creek Rd.
Springtown is approx. 5 mile south of Phillip-
sburg, N.J. Auction arrows posted.

1975 Int. 1700 truck w/400 bu. midwest dump grain
body 22,500 miles & 2 speed rear (like new), Farmall
#656 gas tractor w/wide front & 2677 hrs., Farmall #560
gas tractor, Int. 4 bottom 16" automatic reset plows,
Int. #315-12 ft. transport roller harrow, Int. 10 ft.
transport disc, John Deere 12 ft. springtooth harrow,
Brillion 12 ft. single roll cultipacker, Int. #110-7 ft. mtd.
mower, Hesston PT 10-9 ft. haybine, Int. #47 baler
w/kicker, Grimm hay tetter, New Holland #56 rolabar
rake, New Idea crimper, 2 Gehl self unloading wagons,
3 wagons (2 w/high sides), New Holland 26 ft. elevator,
Gehl chopper w/corn & grass heads, Mac Kissic P.T.O.
feed grinder w/molasses tank, Lundell hopper blower,
Lundell flail chopper, 2-15 disc, John Deere grain
drills, John Blue 300 gal. field sprayer w/Stainless
Steel tank, Oliver 4 row no till corn planter, New Idea
flail manure spreader. Grain Harvesting & Drying
Equipment: 1966 New Idea #702 Uni-System w/11 ft.
grain head-husker & sheller & chopper, M-C model
250E continuous grain dryer w/10 H.P. motor, Hi-Cap
model 40 portable grain cleaner (250 bu. capacity per
hr.), 2-30 ft. transport 6 in. grain augers w/motors,
Baughman 48 ft. of ariation pipe w/distribution box, 36
ft. ariation pipe, 4 in. ariation fan, 50 ft. 4 in. Mayrath
auger, 16 ft. 4 in. auger, 30 ft. 4 in. auger, 32 ft. grain
elevator, Dole 300 moisture tester, New Holland 14 ft.
silo unloader w/5 H.P. motor, J.D. 4 row front
cultivator, Brady Stalk shredder, 12 ft. spring tooth
harrow, Oliver 2 bottom 16 in. plows, Allis Chalmers
front unload manure spreader, 15 ft. Rudl elevator,
1100 gal. tank on skids, Dickey John monitor for corn
planting, tractor fence wire winder, Craftsman shop
vac, 3 double action cylinders, platform scales, snow
bucket, lg. cast farmers boiler, forks, shovels, plus
much more unlisted. Not responsible for accidents. Mr.
Hartung's machinery is in good shape, ready for work
this spring.

Terms: Cash or a Good Check

Lunch by Stewartville Grange

Owner,

NORMAN HARTUNG

(201) 454-5704

Arthur Hanna
Auctioneer
Bloomsburg, NJ
(201) 993-7862

WHAT'S NEW

ORAL IRON SUPPLEMENTAL FOR CALVES

Tri-Mutual, Inc.,
manufacturers of Sav-a-Caf
Scours Control, announce
the addition of Sav-a-Caf
Oral Iron to their line of
animal health products. The
product provides the
necessary supplemental iron
and copper required for
newborn calves to maintain
healthy hemoglobin levels.

Sav-a-Caf Oral Iron offers
the convenience of oral
administration and
eliminates the problems
commonly associated with
needle injection. There are
no needles to sterilize, no
risk of infection says the
manufacturer. Unlike other
oral products, Sav-a-Caf
Oral Iron clings to the
tongue, insuring the feeder
full benefits of the sup-
plement.

Each 200-cc bottle is
sufficient for 33 calves. One
push of the pump plunger
delivers a precise 6-cc
dosage, providing 300-mg of
iron and 30-mg of copper
chelated with amino acids.
These amino acids enable
the calf to utilize the iron
immediately, to bring the
hemoglobin level up and
keep it up until consumption
of roughage and concen-
trates provides adequate
iron.

Sav-a-Caf Oral Iron will
soon be available through



feed dealers and distributors
throughout the USA and
Canada. For more in-
formation write Tri-
Mutual, Inc., 509 North
Fourth Street, Minneapolis,
Minn. 55401 for special trial
offer package, dealer in-
formation, or additional
product information.



PUBLIC SALE FARM EQUIPMENT, GARDEN ROTATILLER, TWO GASOLINE ENGINES, SOME HOUSEHOLD GOODS SATURDAY, APRIL 7

TIME 10:00 A.M.

Due to the undersigned quitting farming will
sell at Public Sale on the premises located in
Adams County, Pa. 2 miles North of York Spr-
ings, on new Route 15 then turn West at
Worleys Fruit Market and bare North 2 miles at
Lection House, thence East Bushey School
Road, second farm, the following.

EQUIPMENT

Farmall H tractor w/cult., Int. loader w/dirt scoop, 3
pt. hitch for M or H, NH 68 baler, PTO good as new,
New Idea No. 7 single row corn picker, Oliver 13-7 disc
grain drill, Int. 2 row corn planter, New Idea No. 12,
manure spreader, JD 3-14" trip back plow 3 pt. NH 55
roll bar rake, Massey Harris 7' mower, 3 pt. Smoker 24'
elevator w/down shute, Smoker utility elevator, both
w/motors, Speedy flail chopper, Oliver transport disc,
60 tooth peg harrow, trail field sprayer w/275 tank,
Myers heavy duty field sprayer pump, two rubber tire
wagons w/flat & sides, JD 5½ ton & David Bradley, JD
and Int. hydraulic cylinders, two hog feeders, Unico 10
hole and Jamesway 4 hole, iron hog troughs, mounted
wood saw for M or H, stationary wood saw, both
w/blades platform scales, 2 hole corn sheller w/motor,
2½ ton chain hoist, 15 h.p. garden rotatiller, small air
compressor, comb. rip saw & 6" jointer, both home
built, barrel cement mixer w/motor, battery charger,
hay rope, craftsman rip saw, iron age, rod finger,
potato plow, 1000 ft. 1" x 10" x 12' long maple season
bds, 4-1¼" x 20" x 14' white pine plank, willow crate
lumber, wooden storm windows, wagon load of small
tools.

GASOLINE ENGINES

Int. 1½ h.p. - Int. 6 h.p. in running order, both on
trucks.

HOUSEHOLD GOODS, BUTCHER TOOLS

Nice walnut bedroom suite, Esco 21 cu. ft. chest
freezer, F. radle upright piano, etc., scalding trough,
two iron kettles w/ring, 2 meat grinders, 1 w/motor,
pudden stir, ice cream freezer jack, 25 20 elec. in-
cubator, many items not mentioned.

Owner

EARL D. BRICKER

R.D. 1

York Springs, Pa.

Phone: 528-4251

Clair R. Slaybaugh, Auctioneer

Phone: 677-7479

C.L. Jacobs, Clerk

Wildlife federation wants rules on chemicals tightened

WASHINGTON, D.C. — The National Wildlife Federation has called on the U.S. Environmental Protection Agency to tighten the regulations the EPA proposed last Fall for the control of poisonous chemicals and other toxic substances.

The new rules, NWF said, should place a higher priority on safety than on "alleged benefits" of new compounds. The NWF recommendations were contained in a nine-page study of EPA's Proposed Implementation Approach to Toxic Substances Control, which, the citizens conservation group said, showed "no sense of urgency." The EPA guidelines, NWF complained, placed too much emphasis on "information gathering...procedures, methods, mechanisms and approaches" and not enough on "corrective and preventive action."

EPA rules, when finally adopted, should require manufacturers of new substances to pass EPA-designed safety tests, the conservation group said. Otherwise, NWF pointed out, the burden of proving that the compound is risky would fall on EPA and the EPA would be able to prevent the manufacture of a potentially harmful substance only by going to court.

Unless EPA requires pre-

testing of a new substance, said NWF, the nation could again suffer such costly environmental disasters as the Kepone contamination of the James River and Chesapeake Bay in Virginia, and the PCB contamination of the Hudson River and the Great Lakes.

In another action, NWF has petitioned EPA to design rules to regulate all solid waste disposal in the nation's wetlands.

According to the NWF petition, EPA should clearly establish that solid waste and garbage disposal in wetlands are subject to requirements of the Clean Water Act, which prohibit the unauthorized discharge of any pollutant into waters of the U.S.



Seed guide published

NEW YORK, N.Y. — What has been described as the most complete book handbook ever prepared in the United States to aid in identification of crop and weed seeds has been reprinted by the U.S. Department of Agriculture. Entitled "Identification of Crop and Weed Seeds," the handbook was originally prepared in 1963 by the Department's Agricultural Marketing Service.

Seed analysts will find the handbook useful for identifying seeds of agricultural plants and field weeds. Others, such as botanists, can use it as a guide for identifying plants when knowledge of the appearance of seeds is

essential. Accurate identification and correct labeling is vital for seed moving in commercial marketing channels.

The handbook contains descriptive keys and illustrations of seeds of many of the nation's agricultural crops and the weed species that may occur

as contaminants with crop seeds.

The publication, "Identification of Crop and Weed Seeds," Agricultural Handbook No. 219 is available at \$6.50 per copy from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

PUBLIC AUCTION

CLARENCE BOYD FARM EQUIP. TRUCK & ANTIQUES
TUESDAY, APRIL 3

At 12:30 P.M.

8 miles West of Allentown, just off Rt. 222, on the South side of the village of Breinigsville, along Brookdale Road, toward Lehigh Church, Lehigh Co., PA.

Farmall 1066 diesel tractor, wide front, 3 pt., dual cyl. hook up, crush proof cab, 1650 hrs.; MF 510 combine w/13' grain head & 4 row wide cornhead; Int. 560 6 btm 16" trip pl; Int. #70 5 btm 14" trip pl; Int. #70 4 btm 14" trip pl; 2 Int. 9A discs; JD AW 12'-6" transport disc; 2 JD 12' harrows; Brillion 12' cultipacker w/(2) 7' end cultipackers; Le Roi 11' single cultipacker; Ferguson 4 row 3pt. rotary hoe; NH 10' lime drill; Cunningham crimper; MC 55W baler w/engine; 4 whl flat trailer; PTO auto feed unloading wagon; Advanced 22' rubber belt elve; Farmall C cult.; 1 row traction potato digger; Cadet snow blower; approx. 100 useable disc blades; 1 1/2" centrifugal water pump w/engine; Craftsman elec. bank type hack saw; air compressor, w/3/4 hp motor; heavy duty drill press w/morse chuck; Parker lawn sweeper; Western horse & pony saddles; walking pl; horse tread power; horse breaking cart; pony breaking cart; one horse truck sleigh; 1 horse boat type sleigh; 2 regular 1 horse sleighs; plus other articles.

TRUCK: 1961 Int. B-160, 17,000 GVW w/12' grain body.

AUCT. NOTE: Be on time, no small items.

Ralph W. Zettlemoyer Auction Co.

R.D. 1 Breinigsville, PA

Tele: (215) 285-4616

PUBLIC AUCTION

OF VALUABLE REAL ESTATE
THURSDAY, APRIL 12

1:30 P.M.

Located 8 miles Northeast of Bedford, Bedford Co., Pa. & 1 mile North of Cessna off Rt. 220 near Bence Farm Equipment at the Mr. and Mrs. Joseph Mattas Farm (follow signs).

Offering approximately 132 acres of land. Offered in 2 separate adjoining tracts. Also will be offered as a combined unit.

Tract #1 - Consisting of approximately 115 acres, approximately 100 acres well drained tillable land with spring & well water, balance pasture land, having erected thereon large bank barn, equipped for beef operation. Also a 2 story 7 room plank house, fronting on macadam road.

Tract #2 - Consisting of approximately 17 acres of pasture land with stream through property, road frontage on 2 sides. Mostly pasture land adjoining tract #1.

Terms: 10% down day of sale by cash or check, balance upon delivery of deed within 45 days of sale. Owner has right to accept or reject any or all bids day of sale.

Owners,

MR. & MRS. JOSEPH MATTAS

R.D. 2, Bedford, PA

For information on Real Estate

Phone 814-623-5460

Auctioneer-Stanley Claycomb
Osterburg, PA 814-276-3272



SATURDAY, APRIL 14

10 A.M. SHARP

LOCATION - Elysburg R.D. #1, off Route 42 south of Bloomsburg on Bear Gap Mt. Road. 1 1/2 miles from Bear Gap, Leg. Route 19003 (Follow auction arrows).

Mr. and Mrs. David Brown are relocating and selling the following:

706 Farmall Tractor (Diesel), 450 Farmall Tractor, 300 Int. Tractor (Wide Front), 305 New Idea 2 Row Corn Picker, New Idea 9'-4279 Cut/Conditioner, 55 Transport 10' Chisel Plow (Oliver), 16" M.M. 6 Bottom Trailer Plows, 292 Oliver Transport Disk, 2001 Int. Loader, 300 Gal. Century Field Sprayer, J.D. 2HT Baler, M.F. 35 Combine, 818 Harvester w/1 Row Corn & Grass Heads, N.H. 518 Manure Spreader w/Hydraulic End Gate, Model 55 Gehl Mix-all, 2 McCury Gravity Bin Wagons, Oliver 17-7 Drill w/Seeder, 10' Easy Flo Spreader w/Seeder, Kools Silage Blower on Rubber, Fast Hitch Int. Bar Mower, 2 Gehl Self Unloading Wagons, 24' Bale Elevator, Mayrath 34' Transport Elevator, Brady Cultivators, 4-Wheel Bale Wagons, J.D. 494A 4 Row Corn Planter, J.D. High Pressure Water Cleaner, 300 Gal. Elevated Fuel Tank, Platform Scales, Tractor Chains, Start-Charger, Wood Extension Ladders, Forney Welder, Cutting Torch, Elec. Fencers, Anvil, Bench Vise, Pipe Vise, Clam Bucket, Air Tank, Chicken Feeders, Tool Boxes, Steel Cabinets, Liquid Feed Tank, D.B. Chain Saw. All type hand Tools, Feed Cart, 14' Storage Trailer, Truck Bed w/4' Sides, Miscellaneous Household Items and some Furniture, also 8' Meyers Snow Blade. Wincall 12-20 Generator (Power Plant); corn silage app. 200-300 ton, Ashley wood stove, kerosene space heaters.

TERMS - CASH

SELLERS:

MR. AND MRS. DAVID BROWN

Phone 672-2647

AUCTIONEER - JOHN AUTOTORE 784-3506

MEMBER OF LOCAL, STATE AND NATIONAL AUCTIONEERS ASSOCIATION



C. H. WOLGEMUTH & SONS

ANNUAL

ALL DAY SALE

FARM EQUIPMENT

SATURDAY, APRIL 7, 1979

9:30 A.M.

Located: 4 Miles West of Manheim, Lancaster Co., Pa. Take Hosler Rd. to Valley Rd. Just North of Rt. 283 and 10 Min. from Lebanon - Hershey Turnpike exchange. (Look for sale signs).

30-TRACTORS-BALERS COMBINES-HARVESTERS

Tractors of various size and model including 1135 Massey; 560 Farmall: 2020 J.D.; J.D. A; 9N Ford: Two 66 Olivers; A C w/saw attach.; CA Allis; AC Road Graders; '69 GMC 1/2 T. pickup; metal truck bed; MF 260 harvester, 2-row narrow & pickup heads w/knife sharpener; AC 780 harvester w/1-R corn head; flail choppers; Allied grinder mixer; Papec stationery grinder; AC 904 & Hesston haybines; Many grass mowers; grain bins; running gears; hi-side bale & ensilage wagons; Case roll bar & side delivery rakes; fluffers; 267 N.H. Baler w/thrower; several grain drills; manure spreaders & loaders.

CORN PLANTERS: MF 468 4-row; MC 450 4-R w/fert. & insect boxes; J.D. 3-R IH 449 w/insect applicator; Two IH 4-R. & many others, Tob. transplanter lath; pot planter; 2-row digger & graders. All ground working equip. Lots of plows, trans discs, cultipackers. J.D. 5-sec. sp harrow; rotary hoes, BRILLION 3-pt. SPIKE HARROW (like new).

25 LAWN MOWERS - RIDERS & PUSH TYPE including 48" cut Cub Cadet (Hydro drive).

NEW TOOLS: NEW ITEMS-Misc. tools, watches, lanterns, corn choppers, etc. Lots of Lumber-windows-doors-wood. COUSIN WITH DRY GOODS.

Open to receive goods 8 to 6 till Sale day. No Goods received Sat. Morning, April 7 except by appointment.

This is only a partial listing. Subject to change as items will be consigned all next week.

TERMS CASH.

FOR INFORMATION CALL OR WRITE:

C. H. WOLGEMUTH, Sale Manager
PHONE (717) 665-5664, MANHEIM, PA

Rescheduled due to storm.

PUBLIC AUCTION

FARM MACHINERY, DAIRY EQUIPMENT AND 2 HARVESTORE SILOS
WEDNESDAY, APRIL 4

10:00 A.M.

(Silos & dairy equipment at 1 P.M.)

For Wilmer E. Jones
Jobstown Rd., Columbus, N.J.

Directions: Exit 7 NJTP. Rt. 206 south to Columbus Farmers Market. Go east on Jobstown Rd. Having sold his farm, Mr. Jones will sell the following:

SILOS: Harvestore 17'x50' w/white top & 20'x60' w/blue top, both have 7 1/2 hp. 3 phase Hercules unloaders (chains used 1 season), Harvestore 7 1/2 hp. roller mill and 102' Smoker shaker feeder w/roof.

MACHINERY: 72 I.H. 1066 diesel hydro. w/cab, WFE & 1214 hrs.; 66 I.H. 1206 diesel turbo w/cab, WFE & 3660 hrs.; Farmall M; Farmall M w/Kosch side mount mower & M&W clutch; Minn. Moline ZB; Fox super #1000 harvester w/elec. knife sharpener, flail head, pickup head & 7' heavy duty mower bar; two Dion 16' unloading wagons w/roofs; two Kools #KB54 PTO blowers w/pipes; I.H. #500 15' cut harrow w/dual wheels; I.H. #642 4 botom R/O plow; New Holland #479-9' haybine; J.D. 14T baler; New Holland #256 5 bar hayrake w/rubber mounted teeth; 3 flat wagons; Kingwise 24' & 42' hay elevators; McConnell 18 disc grain & grass seed drill; 24' Wikomi grain elevator; I.H. 12 1/2 KW PTO generator 110 220 or 3 phase and many other small items to numerous to mention.

DAIRY EQUIPMENT: New Idea #216 & 203 flail manure spreaders w/hydr. tailgates; DeLaval 72 cow 6 unit pipe line w/washer; two #77 DeLaval 3 hp. vacuum pumps 3 phase; Majonier 650 gal. vacuum tank w/5 hp. 3 phase compressor & auto. washer; 1 DeLaval bucket milker; Surge vacuum pump; SS double & single tubs; 60 gal. elec. hot water heater; 100 Jamesway stanchions; 40 Jamesway water cups; Pride of Farm elec. waterer; 300 gal. water tub; gates & misc. dairy equipment. Front end loader available day of sale.

Terms: Cash

Lunch Stand

Col. Richard P. Allen, Auctioneer
Vincetown, N.J.
609 267-8382

FARM MACHINERY AUCTION

SAT., APRIL 7, 1979

AT 11:00 A.M.

For ASTALOSH BROS. Pennington, N.J., located on the Pennington - Titusville Rd. 2½ miles West of Rt. 31. Turn West by Pennington Shopping Center light off Rt. 31. 10 miles North of Trenton, N.J. Arrows Posted! Farm Sold!

11 A.M. - Some small items, chain saw, Lincoln 180 amp welder, 2 rolls woven wire, 2500 glass milk bottles, 10 bags 10-20-20, motor parts, some scrap metal.

11:30 BARN EQUIPMENT - 500 gal. Dari Kool bulk tank, Dari Kool dumping station, Bou-Matic 12 unit milk pump, 4 Surge units, 3 feed carts, 700 bales mixed hay.

12 Noon 4 TRACTORS - JD 3020 gas A-1, JD 60, JD A, Farmall H, 1950 Chevy 2 ton flat bed truck 38,000 mi.

JOHN DEERE EQUIPMENT - 894 hay rake, KBA hyd. disc, 3 btm. plow, 290 2 row corn planter, #10 side mtd. mower, rotary hoe, 7 ft. mower, hay conditioner. OTHER MAKES - NH 268 hayliner baler w/kicker A-1, Papec chopper w/good LeRoy gas engine, 2 kicker hay wagons, NH 26 ft. elevator, NI 90 bu. manure spreader, Ontario 16 hole grain drill, Danuser post hole digger for H, 2 row cult., pulverizer, loader frame w/snow plow for 60, field sprayer, Papec blower.

Owner & auctioneer not responsible for accidents!

Terms - Cash or Good Check with Identification Paid in Full Sale Day!

Owners:

ASTALOSH BROS.
Pennington, N.J.

Sale By:

Col. Fred R. Daniel Auctioneers, Inc.
Neshanic Sta., N.J. 201-369-4784

FIRST ANNUAL AUCTION SALE

**FARM EQUIPMENT, CONSTRUCTION
EQUIPMENT, LAWN AND GARDEN
EQUIPMENT**

SATURDAY, APRIL 21

10:00 A.M.

To be held at the Brenda Jane Sell It Shop, Rt. 611, Harrow, Ottsville, PA.

Consignments For Auction - Phone:
Bob Trouts - 215-847-5608

1969 Ford 5000 Diesel Farm Tractor; 1963 International B414 Gas Tractor; 1961 Ford 1841 Industrial Tractor & Loader w/3 pt. hitch; 1972 Int. Harvester Truck, 1700 Loadstar w/24' Grove Roll back, Tilt flat bed with hyd. winch (low mileage); 1965 Int. Crew Body Pickup, 4 doors 2 full seats, 6' body; 1968 Chev. Pickup ¾ T. Pickup; 1962 Dodge Panel; Reinco Hay Mulcher, 4 cyl. Wisconsin V-4 eng. skid mtd. up to 2 tons per hr.; Brillion 10' professional lawn seeder w/cultipacker; 5'4" Brillion Landscape cultipacker seeder - notched rollers; 6' Viking comb. seeder & fert. drill - landscape finisher; (2) Lely 5' H.D. 3 pt. hitch rototillers; (2) 7½' Int. Harvester pick-up type disc harrows, adj. gangs w/3 pt. hitch; 8½' Ford Disc Harrow, 3 pt. hitch, adj. gangs; 12' Oliver transport-type disc harrow, exc. condition; 7' Ford Flail mower; (2) 7' John Deere Rotary Mowers w/3 blade, 3 pt. hitch & caster wheel; 3 pt. hitch, hopper type fan fertilizer & lime seed spreader; (2) 6' Int. Harvester, Scarificer-rippers; (4) 300 gal. Heavy gasoline tanks, skid mtd.; 2½" high pressure (rated up to 100# p.s.i.) Hale Fire pump; 2" Homelight Contractor's pump; Seven-gang H.D. Toro lawn and fairway mower. Cuts 16; 12' wide 3 pt. hitch Ford Spring Tooth Harrow; 8' wide 3 pt. hitch, Ford Spring Tooth Harrow; 8' wide H.D. "V" shaped ditching machine; 6' wide, West Point lawn earer and aerator; 10' wide, York landscape rakes; 8' wide York landscape rake with caster wheels & grading blade; 30" Vermeer tree digger, 3 pt. hitch; 1 set half-tracks for Massey tractor; 6 or more H.D. Oak inset iron straps, tree-moving platforms 30" sq. up to 4' sq.; 300' 1" Heavy 2 ply Industrial rubber hose; 800' ¾ Heavy 2 ply Industrial rubber hose; 1500# capacity one man tree dolly; 1000# capacity one man tree dolly; 36" Lawn Beauty spreader, stainless steel bottom; Farmall H tractor w/hydraulics, Good condition; Rain-bird lawn sprinklers, spikes, shovels, rakes; Numerous other hand & landscape tools useful on the farm & landscaping; John Deere 'B' tractor w/sickle bar; Corn Picker; Grain Drill; 3 pt. hitch cultivator; 2 Barrell wheel type field sprayer.

Food! Not responsible for accidents.
TERMS: Cash or Good check. Out of state buyers bring a bank letter of credit.

Auctioneer-
Col. Bill Holland
Upper Black Eddy, PA
215-982-5752

Member N.J.S.S.A.

Swedes visit Delaware farms

NEWARK, Del. - The flat terrain and the farm machines looked familiar, but green milkshakes were puzzling to a group of foreign visitors to Delaware. Fourteen Swedish farmers and their interpreter had arranged to meet their Delaware hosts, Extension agricultural agents David Woodward and Ed Kee, at the sign of the golden arches in Smyrna. It was a convenient meeting place, as well as a curious example of American life for the Swedes.

Those who weren't daring enough to try Shamrock Shakes ordered milk. They hadn't been able to get any milk for several days because of a truck drivers' strike at their first stop, New York City. Dairy farmers in the group studied the nutritional information on the miniature cartons. Our milk tasted rich to them, and they learned from the label that it does have a slightly

higher percentage of but-terfat than theirs.

Next stop on their tour was the Wheatley Division of Campbell Soup in Clayton. There the group saw the impressive machines that take peas, corn and limas from field to freezer with a minimum of human labor.

Things are done about the same way in Sweden, according to Mats Andersson, the best English speaker among the farmers. But corn is only cattle food in his country, he says, although he had a chance to try sweet corn in New York and found it delicious.

John Deere tractors were immediately recognized by the group. A John Deere factory in West Germany sends many of the green machines to Sweden, but a lot of Swedes prefer to buy Volvo BM tractors out of nationalistic pride.

Back on the bus, the farmers leafed through complimentary copies of

local farm papers and the Annual Report of the University of Delaware College of Agricultural Sciences for a broader look at the state's agriculture. But in a few minutes it was time to put aside the reading matter and don plastic boots over wooden shoes.

The boots were an absolute necessity on a drizzly day at Norman Voss' dairy farm, but the guests weren't fazed by and ankle-deep muck. It was just like the Swedish variety. The milking parlors were the same, too. In fact, the Swedes pointed out that Voss' automated De Laval equipment came from their country.

The visitors were impressed by the size and quality of the Voss herd, which includes many award-winning cows. Voss, like most Delaware dairy far-

mers, has Holsteins. He's currently milking 120. The Swedes have Brown Swiss.

Swedish farms tend to be smaller than ours, according to Andersson, with fewer cows, usually about 30 to 60. Swedish farmers receive about 50 per cent more for their milk because of government subsidies, but the prices they must pay as consumers are much higher than ours as well.

To demonstrate that not all Delaware dairies are larger than Sweden's, the group's final stopping-off point in Delaware was the small but well-run Steinhauer dairy in Kenton.

Then it was back on the bus for Washington, D.C., and ultimately Orlando, Florida, to look at citrus groves, and of course Disney World—where nobody needs a translator to have a good time.

Hatchery, breeder flock

short course set

NEWARK, Del. - The 1979 Delmarva Hatchery and Breeder Flock Management Short Course will be held at the University of Delaware Substation near Georgetown on Wednesday, April 4, from 8:30 a.m. to 3:15 p.m.

According to University of Delaware Extension poultry specialist George Chaloupka, this year's course will cover many important areas involved in producing good quality chicks for broiler production.

Among other things the program will include disease control in breeder flocks: the effect of vaccinating 11-week-old broiler breeders for infectious bursal disease; male behavior and fertility; baby chick

management; and egg breakage. There will also be a report on the 1978 DPI hatchability survey and a primary breeder panel discussing what's new in the area of breeding research and development.

Registration fee for the course is \$8 per person. The fee also covers coffee and doughnuts, lunch and a copy of the proceedings. Deadline for registration is March 28.

The course is sponsored by the Eastern Shore Hatchery Association, Delmarva Poultry Industry, Inc. (DPI), and the Delaware Cooperative Extension Service. For further information contact George Chaloupka, extension poultry specialist, at the Georgetown Substation (302-856-5250).

Mellinger's Feed Mill - Going Out of Business

PUBLIC SALE

**OF FEED MILL EQUIPMENT,
OFFICE EQUIPMENT
AND STOCK**

WEDNESDAY, APRIL 11

9:00 A.M.

Located at the CORNER OF FRONT AND FULTON STREETS, 4 BLOCKS OFF ROUTE 272, AKRON, LANCASTER COUNTY, PA.

Prater Model G-7H Stationary Hammer Mill
(With 30 H.P. Motor)

Sprout Waldron Size 22 Attrition Plate Mill
(With (2) 15 H.P. Motors)

1-Ton Vertical Feed Mixer With Motor
SPROUT WALDRON COB BREAKER

FLAT TOP OFFICE DESKS, LARGE SAFE WITH McCASKEY REGISTER FILE, NATIONAL CASH REGISTER, BURROUGHS ADDING MACHINE and STAND, Royal Typewriter, Check Writer, Office Chairs, 1924 RCA FLOOR MODEL RADIO, COAL HEATROLA, OLD DOOR WITH EARLY HARDWARE, Mounted Deerhead, EARLY CUPBOARD WITH 23 PIGEON HOLES AND 8 DRAWERS, EARLY COX'S DRUG STORE ADVERTISING SIGN, OLD ADVERTISING CLOCK, SIGNS AND CALENDARS, OLD EPHRATA TOWNSHIP VOTING BOOTHS, ELECTION TABLE, Oak Rocker and Chairs, Bench, Bag Wagons, Nail Kegs, Wheelbarrow, Coal Chutes, Ladders, Reel Power Mower, Coal Screen, EARLY LUMBER MEASURERS, OLD WEIGHT SCALES, Railroad Rail, 1879 GRAIN CRADLE, Safety Car Wrench, Pipe Wrenches, Crow Bars, Sledge Hammer, Scythes, Picks, Chains, Augers, Pinch Bars, Pitch Forks, Wheat Forks, Rope, Coal Buckets, Shovels, Stone Forks, Grindstone, HYDRAULIC JACK, Slate Cutter, pump Troughs, Sandstones.

NEW ITEMS

Lot of Nails, Bolts, Screws and Paint

MISCELLANEOUS NEW LUMBER, Inside House Shutters, Steel Window Sash, 10 x 12 Window Sash, 5 Gallon Buckets of Nailing Cement, STRAP HINGES, Hook & Strap Hinges, Rolls of Roofing Paper, Lot of Terracotta Pipe and Sections, 12 x 20 Roofing Slate, 11 SQ. FT. OF J.M. ASBESTOS ROOFING SLATE, Chicken Wire and Feeders.

30 Ton Howe Ball Bearing
9 x 20 MOTOR TRUCK SCALE

(State Inspected)

1945 REO 6-TON FLAT BED TRUCK
(ONE OWNER, 55,000 MILES)

18 FT. COAL LOADER ON WHEELS, Boggs Potato Grader, LARGE HAND GRAIN CLEANER, Straw Bench, and loads of other new and used items found in a feed and lumber mill, that was in the same family for 3 generations.

Sale to commence at 9:00 A.M. Sharp!

Terms by

CLARENCE MELLINGER

Dale L. Putt, Auctioneer
Phone Akron (717) 859-1430

Not Responsible For Accidents.

REFRESHMENTS WILL BE SOLD.

NOTE: Equipment must be moved in one week from day of sale and owner assumes no responsibility for removal or damage.

PUBLIC SALE

**VALUABLE
REAL ESTATE**

MONDAY, APRIL 30

1:30 P.M.

Located 1½ miles So. East of Manheim, along Fruitville Pike in Penn Township, Lancaster Co., Pa.

Real Estate consists of 54 acre farm thereon erected a 5 bedroom stone & frame farm house with bath, kitchen, living room, dining room, and various storage areas. With new oil fired hot water heat system. Also bank barn with barn cleaner, stalls for 46 cows, also various storage areas, also various storage areas.

Note: Farm will be offered in two parcels. One parcel consists of 41 acres m/l and all buildings. Second parcel consists of 13 acres m/l farm land fronting on Lexington Road and Sego Sago Road. Also to be offered in the entirety.

Inspection any morning Monday through Friday til noon or by appointment 717-665-4808.

Sale by,

ELMER HESS

E M Murry, Assoc., Auct.

J. David Young, Atty.

E.M. Murry Associates

BOX 383 Lititz RD6
PA. 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers,
Appraisers, and Advisors
Since 1953

Tug-of-war tests corn root

BLOOMINGTON, Ill. - Corn researchers are staging a tug-of-war between corn plants and a tractor's hydraulic lift. And while the tractor is always the victor, American corn growers are the real winners.

The procedure, which involves pulling corn plants straight up out of the ground using the mechanical strength of a hydraulic lift, gives the researchers a better reading on a hybrid's standability, resistance to rootworm damage and overall root strength.

"We're looking for better corn root systems," explains Dr. Mike Turner, manager of entomology and pathology research for Funk Seeds International, the seed firm using the test.

In the Funk test, technicians back the hydraulic lift to the plant to be pulled, attach a clamp to the corn stalk and record the amount of force needed to yank the stalk from the soil. Corn hybrids requiring a forceful pull before popping from the earth have shown better capacity for moisture and nutrient uptake as well as standability—characteristics strongly related to root strength.

The risk of root damage reaching levels harmful to a corn plant is lessened when root systems are well developed. "The more roots it has, the more strength the plant maintains and the less stress is put on it," Dr. Turner continues. "Those with smaller or weaker root

systems will be more affected by drouth because there are fewer roots to pull water from the ground."

A corn plant's ability to produce a large number of fibrous roots and to regenerate roots damaged by corn rootworm infestation is highly heritable, Funk researchers say.

Funk has been testing experimental hybrids with its "tractor pull" method for two years. Data gleaned from the tests enables Funk corn breeders to select better hybrids.

The corn stalk's grip on the soil is tested just before tasseling, when corn rootworm larvae damage to roots is at its height.

PUBLIC SALE OF VALUABLE REAL ESTATE SATURDAY, APRIL 7

1:00 P.M.

Located along William Run Road, 1 mile West of Christiansa, Sadsbury Twp., Lancaster County, Pa.

REAL ESTATE consists of 10.72 acres of meadow with stream and large shade trees. 1,072 feet of frontage along William Run Road.

ZONED - Residential - Agricultural

Terms: 10% day of sale

Settlement on or before 30 days

Conditions of Sale by

S. EARL & FLORENCE E. BLANK

Attorney:
Louis May
Auctioneer:
Leon Kurtz

Inspection of Property:
215-593-5914

PUBLIC AUCTION

**110 ACRE FARM
HOUSEHOLD GOOD & ANTIQUES
FARM EQUIPMENT & CAR
SATURDAY, APRIL 28**

At 10 A.M.



located between Fogelsville & New Tripoli, in Weisenberg Twp., Lehigh Co., PA. Turn west off Rt. 100 (just North of Lyon Valley) toward Kempton for 2 miles.

REAL ESTATE consists of a 110 acre farm being offered in 2 separate tracts and as an entirety.

Tract 1-60 acres of gently rolling land with stream and set of farm buildings, inc.: 2½ story stone house w/4 BR & bath on 2nd floor, 1st floor had 3 rooms & attached summer kitchen, central hall construction, much orig. woodwork; also 2 story frame bank barn and various sheds & stables. Quiet rural setting on private lane, yet quick access via major routes to local metro. centers.

Tract 2-50 gently rolling acres w/both woodland & open land.

See to appreciate it. For inspection call (215) 298-2123 for appl

Terms-10% sale day, bal. by June 1, 1979.

Broker participation invited. Register client w/Auction Co. by mail by April 27, 1979.

Also selling full line of farm equipment, household goods, antiques & 1968 Ply. Belveder. Watch for full ad.

Sale for the

**MARVIN A. KERSCHNER ESTATE;
Herman E. Kerschner,
Administrator**

Conducted by Ralph W. Zettlemoyer Auction Co.
Route 1, Breinigsville, PA 18031
(215) 285-4616

LEONA HOLSTEIN MILKING HERD DISPERSAL

Located off Rt. 6, 7 miles from Troy, Pa. 3 miles from East Troy. Watch for Auction Arrows at Case Equipment dealer.

MONDAY, APRIL 10

12:00

55 REGISTERED HOLSTEINS 55

78-79 RHA 16,781m 3.8 634F (will be close to 17,000 by saletime).

78 BAA 102% (will be reclassified before saletime)

Featuring 6 milking Elevation dau. + 2 yrld. dau. + 1 January calf + 3 exceptional cows due before sale to him!! All are fine pedigreed individuals - here's a sampling:

her gr'dam Della Ex-90

Due 2-21 to Job, her dam is GP with 4-0 348d 21,742m 4.0 861F. Grdam is Ex-90 with 6-4 359d 20,858m 9.9 818F. 3rd dam was GP-83 with 6-0 348d 17,570m 4.0 708F. 4th dam is GP-81 with 20,080m 687F and over 100,000m Lft. 5th dam was VG with 646F 4.1%.

-Due 2-16 to Job, her dam is a VG-87 Black Eagle with 5-7 363d 22,171m 3.5 784F. Grdam was Good-76 with 607F 4.2%. 3rd dam was Ex-3E with 6-3 365d 23,310m 4.3 1006F & Lft. of 151,020m 4.4 6,654F!!

-Fresh 1-2 her dam was a VG Reflection Supreme with 550F. Grdam was GP-84 with 556F 4.2%. 3rd dam GP with 608F 4.2%. 4th dam VG-GMD with 738F & Lft. 159,866m 4.0 6,404F.

SOME OTHERS

her dam Della Ex-90

-An outstanding Mil-Key Comet Sovereign scored VG-86 with 4-4 319d 17,799m 4.5 803F (inc.) She's due saletime to Elevation. Her dam is the Ex-90 Gypsie Leader with 6-4 359d 20,858F. 3rd dam is GP-83 with 17,570 H O 708F. 3rd dam is GP-81 with 20,080m 687F and Lft. of 100,000m and 4th dam is VG with 646F 4.1%. Sells with an AI dau.

-An Ex-90 Kingpin due before sale to Elevation with 7-7 365d 21,171m 4.0 850F and Lft. of 103,579m 3,961F. Dam is GP-84 Image with 620F 4.4%. She sells with an Elevation yrl.

-Another VG-88 Kingpin with 3 rec. over 20,000m 700F up 812 F. Lft. of 121,621m 4.51F. Dam had Lft. of 111,450m 4.148F and 600F. Grdam also over 600F.

-A VG-86 Senator Curtiss with 5-8 300d 17,647m 3.9 690F and due before sale to Elevation. Also sells with her 3-20 Elevation dau. Dam GP with 3 rec. over 600F up to 698F 16,930m 4.1.

Full sister by R Maple from a GP-82 Rockman with 3-4 305d 15,410m 4.3 659F. One is VG-87 with 4-10 365d 21,650m 3.8 820 (inc.) and fresh 1-19. The other is GP-83 with 3-9 365d 16,865m 3.7 619F. Due saletime to Job.

Full sister by Bootmaker from a VG-89 Graduate with 6-3 305d 20,460m 3.6 745F and Lft. of 118,020m 4,286F. One is VG-87 with 4-0 351d 17,126m 3.6 613F and fresh 1-24 with an Elevation hfr. The other is 1st calf due in July to Jet Stream son and making 15,682m 579F.

Payday

-A VG-85 Payday dau. with 4-0 306d 17,879m 3.4 615F. Proj. over 17,000 and dam was VG-85 with 16,350F by Lassie Leader.

Freda

-A He-man dau. with 2-6 365d 20,088m 3.8 777F and proj. for 19,400m again. Her dam was VG-85 with 3 rec. over 800F up to 20,390m 4.4 896F. Lft. of 103,260 4.6 4,712. Grdam GP-83 with 20,180 3.6 736F.

-A VG-85 Astronaut with 6-1 365d 20,185m 4.1 833F. Due 3-5 to Job. Dam was Ex-91 X Classic with 4-10 365d 17,920m 3.6 643F.

-A real nice Mark Performer s/w/c to Kingpin with 2-11 308d 17,238m 4.1 707F. Proj. over 17,000m again. Dam was VG-88 with 600F. Next 2 dams GP-84 & GP-82 with 600F & 800F.

SALE MANAGERS NOTE:

Mr. Mattocks is again overstocked. After careful consideration and a bad fall, he has decided to sell the milking herd. As usual, you will find a well-bred, good-looking group of animals - cattle to please the most discriminating buyer.

TERMS - CASH OR GOOD CHECK

Owners:

ORLON & VIVIAN MATTOCKS

Wellsboro, Pa.

717-724-3835

Auctioneer - Arlow Kiehl

Sale Managed by: WOOD'S AUCTION SERVICE
GORDON WOOD-Mansfield, Pa. 717-549-4901

ABSOLUTE AUCTION

VALUABLE REAL ESTATE

43½ ACRE FARM ±

HOUSEHOLD GOODS,
ANTIQUES, AND COINS

SATURDAY, APRIL 21

HOUSEHOLD GOODS, ANTIQUES & COINS

10:00 A.M.

REAL ESTATE 1:00 P.M.

Located from the intersection of Route 30 and Route 10, turn North on Route 10 1 mile to Compass Road turn on Compass Road ¼ miles to sale. Sadsburyville Twp. Chester Co., Pa.

Real Estate consists of 2½ story old stone, log, and frame dwelling First Floor: lg. LR; kitchen w/fireplace; utility room; Second Floor: 4 bed rms 1 w/fireplace; hall w/walk in closet; bath; Third Floor: full attic; basement; electric pump w/never failing spring water; 2 story stone and frame barn; spring house; approx. 7½ acres timber and pastureland; 36 acres nice level tillable land; 1165 ft. road frontage on Route 10; 1523 ft. road frontage on Compass Road ±. INSPECTION BY APPOINTMENT: Phone (215) 286-5744

15% Deposit time of sale cash or approved check. 45 day settlement on or before.

This farm has been in the Wise name for 36 years. Excellent opportunity for the farmer, developer and investor, to be sold at Absolute Auction regardless of price. Just minutes from Route 30 By-Pass.

By Order of

JAY H. WISE

WILLIAM MARCH, JR., Auctioneer

R.D. #1, Box 27

Elverson, Pa. 19520

Phone (215) 286-5744

Full particulars later on HOUSEHOLD GOODS,
ANTIQUES AND COINS.

ANNUAL MACHINERY SALE

APRIL 7, 1979

10:30 A.M.

Sale to be held at the Aberdeen Sales Co. Inc. on Md. Rt. 22 in Churchville, Md. on Saturday morning, April 7.

**COMPLETE LINE OF
FARM MACHINERY,
EQUIPMENT & TOOLS**

Model 68 N H baler & bale thrower, Model 13-230 cultivator rolling guide, Model 177 N I elevator 31' w/1½ h.p. 2 yr. old, Model R B 90 Tri Star round bale feeder, Model 717 N H forage harvester w/1 row corn head, Model 771-16 Ford manure loader for 2000 or 3000 tractor, Model 365 N H tank manure spreader, Model B 114 Woods pull rotary mower 114", Model 272 N I 7' cut conditioner, Model MAC 110 chain saw Mc Cullough 10", Model 185 Inter'l Lo-Boy tractor w/60" rotary, Model 424 Gravelly 10 h.p. garden tractor w/50" rotary & 42" blade, Model 150 N I 1977 14 h.p. electric garden tractor w/42" rotary, Model 8 Grimm 8' hay tedder, Ford hay rake, Ford 2 bottom plow, Ford 8' disc, Ford 7' mower, Ford 6' scraper, Ford boom, Ford 3 point workers, 34 chopper corn & grass head, elec. cement mixer, irrigation pump, 1 Gorman Bupp Model 53 M2 TJD, Wisconsin 2 cylinder air cooled gasoline engine, suction hose & outlet hose, (new 3" throat), J D 2 bottom drag plow, 2 section smoothing harrow, garden cultivator, sidewalk edger, scales, tractor chains, Michigan harrow, Smoker elevator #32, farm wagons, Int'l harvester Farmall H tractor, Dearborn disc, J D flail chopper, J D plow #F125, grain auger, Dunham T559 9' cultipacker, J D side rake, J D plow Model F125, dump trailer, Int'l Harvester #2 Tr., spring tooth harrow, Int'l Harvester mower #200, J D baler & ejector, J D #24T baler & ejector, molasses tank, Danuser post hole digger, 2 N I manure spreaders, shop stove, wheel barrow, farm tools, snow fence, milk cans, field drag, 1956 160 Inter'l w/14' oak bed and sides, N H 1 row chopper, N H wood saw, 14' metal truck bed, Farmall Super C tractor w/2 row cultivators, 4 row cultivators for Farmall tractors, quick-hitch disc plow, Farmall M tractor Gandy Hi Toro granular applicator, I H model 455 4 row corn & bean planter, 2 dual I H rims for 18 x 34 tires, M F Model 65 tractor w/44 h.p., 3 pt. hitch, live power, power steering, wide front end, acetylene torch/welder w/2 tanks, and many other pieces of machinery and related items too numerous to list.

Consignments to this sale are welcome. This machinery is in good, usable condition ready to take home and do the job for you.

TERMS: CASH

Not responsible for accidents day of sale.

Lunch served.

ABERDEEN SALES CO. INC.

301-734-6050

734-7105 Night

Estate planning booklet available

COLLEGE PARK, Md. - Good estate planning can save the family many unhappy problems at some future date. And a large number of organizations are offering educational programs on this subject nowadays.

"But I've gone through all that years ago," people say? They better have another look. The federal Tax Reform Act of 1976 changed things somewhat. It provided a degree of estate tax relief for farmers.

To incorporate these modifications, along with recent changes in state

A Public Sale of livestock and machinery was held March 17 by Raymond L. and Betty Bilger, 2 miles north of Mill Creek, Huntingdon Co., Pa.

Some prices included: Int. #45 Baler \$2500, Long 560 D Tractor \$6100, and top half of grade Holstein herd sold from \$1000 to \$1100.

Mark Glick and Dale Gibboney were the auctioneers.

xxx

HUNTER'S SALE BARN, INC. held their weekly sale March 19 at Rising Sun, Maryland.

FEEDER HEIFERS: High Choice and Prime 73.00-80.00.

FEEDER STEERS: Good to Choice 78.00-82.00.

BULLS: 970 lbs. 56.00.

COWS: High Choice to Prime 53.75-54.25; Good to Standard 52.75-53.75; Utility 52.00-53.50; Cutters 51.00-52.50; Cannors 47.50-51.00.

CALVES: Prime 240-280 lbs. 96.00-104.00; High to Choice 140-180 lbs. 92.00-110.00; Good to Choice 120-140 lbs. 95.00-106.00; Standard to Good 90-110 lbs. 95.00-118.00; Utility 70-85 lbs. 78.00-96.00; Low Utility 65-75 lbs. 62.00-85.00.

FEEDER PIGS: 35-45 lbs. \$40 to \$42 per hd.

legislation, the Cooperative Extension Service at the University of Maryland in College Park and Princess Anne has published a completely revised edition of a popular old favorite. The new 34-page booklet is titled Estate Planning for Maryland Families (Extension Bulletin 189-Revised 1978). Single copies are available free to Maryland residents at county Extension Service offices throughout the state and in Baltimore city.

Sale Reports

Lancaster Farming, Saturday, March 31, 1979-157

HOGS: 145-160 lbs. 49.00-52.00; 160-195 lbs. 51.00-55.00.
SOWS: 36.00-38.50.
BOARS: 34.00-36.00.
SHEEP: 50.00-52.00.
Sale Mgr. and Auctioneer, Norman E. Hunter, Pres.

Truck \$1150, Woods Rotary Chopper \$500, M.F. Sickle Mower \$1175, and Cultipacker \$1025.
Auctioneers were Henry K. Freed & Sons.

xxx

A Public Sale of farm equipment was held March 17 by Catharine A. Slusser, 1 mile north of Hanover, York Co., Pa. A large crowd attended the sale.

Some prices received were: 1973 Chev. 1 1/2 ton Truck \$8400, 1969 Oliver 1550 Tractor \$3600, 1962 Oliver 550 Tractor \$1775, N.H. Grinder-Mixer \$2800, Oliver 4-row Corn Planter \$1550, Oliver Grain Drill \$1400, N.H. Manure Spreader \$925, Int. Harrow \$850, Woods 9' Rotary Mower \$1600, Fertilizer Spreader \$1000, Cookstove \$270, Ice Box \$350 and Meat Grinder \$120.

R. E. Kehr and Associates were the auctioneers.

xxx

An Auction of a full line of farm machinery was held March 17 for Buttonwood Springs Farm, Division of Miller & Son Paving Co., 5 miles north on Rt. 611 from Willow Grove exit of Pa. Turnpike.

Items sold were: M.F. 516 Combine \$8000, M.F. 85 Tractor \$1800, M.F. 1155 D Tractor \$16,000, M.F. 7- Bottom Plow \$2500, M.H. 44 Tractor \$1050, Oliver 1650 D Tractor \$6000, J.D. 6-row Corn Planter \$5400, Disc \$450 M.F. Rake \$575, Grain Bins & Dryer \$6000, Seed Cleaner \$140, Elevator \$400, N.I. Manure Spreader \$900, M.F. 6-row Cultipacker \$525, M.F. 33 Grain Drill \$1100, 1965 Ford Flatbed Truck \$2250, 1941 Dodge Flatbed

A Public Sale of farm implements was held March 17 by J. Paul Hertzler, 8 miles south of Quarryville, Lanc. Co., Pa.

Some prices included: Grain Drill \$350, old Farmall H Tractor \$710, Milk Cans \$450 to \$14 ea., Horse Trailer \$190, Corn \$61.50 per ton, Timothy Hay \$61 per ton, Rocker \$40 and Nursing Chair \$38.

Kersey A. Bradley was the auctioneer.

xxx

A Public Sale of real estate was held March 17 by the Paul Heagy Estate, 5 miles northeast of Manheim, Lanc. Co., Pa.

57 acres of the 71 acre farm was sold for \$3500 an acre and 6 acres were sold for \$4000 an acre. The balance was retained by the estate.

Auctioneers were Rufus Geib and Raymond Miller.

xxx

A Public Auction of farm equipment and ear corn was held March 17 by Harold B. and Wanda H. Hess, 1650 Brunnerville Road, Lititz, Lanc. Co., Pa.

Following prices were received: M.F. 135 Tractor \$3625, M.F. 65 Tractor \$1740, A.C. G Tractor \$1110, Winco 18 K.W. Generator \$1050, Ontario Grain Drill \$460, N.H. 479 Haybine \$3510, N.I. Spreader \$1645 and Ear Corn \$67 per ton.

John E. and Paul E. Martin were the auctioneers.

PUBLIC SALE TUESDAY, APRIL 3

1:00 P.M.
REAL ESTATE
WILL BE OFFERED
AT 2:30 P.M.

The undersigned, located in Perry County, Newport RD 1 on the Bucks Valley Rd., 1 1/4 miles from Montgomery's Ferry (turn off rts. 11 & 15 at the Friendly Tavern), 8 miles from Newport, will offer the following for sale:

REAL ESTATE

94 Acre Farm - 65 acres tillable, 14 acres timber, balance in Pasture. Good Bank Barn with new roof and siding. House with furnace (home needs repair). Road frontage on 3 roads - "This farm is being farmed now and land is in very good condition."

FARM MACHINERY

Farmall M. Tractor - Good rubber (nice shape); Farmall H. Tractor - Good Tires (Runs good); I.H. No. 82 Combine - Pull type-bin pto-Auger feed - 7' cut (very good cond.); I.H. No. 60 Pull-type trip back 3-bottom plow (cylinder lift); I.H. No. 155 Manure Spreader; I.H. No. 15 Roll Bar Rake; I.H. No. 10 13-double Disc Drill; I.H. 7' Pull-type Mower-belt driven; Barrel Sprayer; Piston sprayer pump; 6' Disc; Grass Seeder-tractor mtd; 50 Bags Fertilizer; 6 Bales Twine; 250 - 8" Cinder Blocks; 40' Ext. Ladder; Some Kiln dried lumber (2x4, 2x6, 2x8"); Some Plywood, Pile of Cedar Boards; Pile of Walnut Boards; Log Chains, Shovels & Forks; Side-hill Hitch; Some old Scrap Iron; Some Household Furniture; 24 ft. Grove elevator, flat bed wagon; Miscellaneous Items.

Terms: 10 percent down day of sale, balance within 30 days or sooner if desired: Possession at settlement.

Not Responsible for Accidents
I.D. Required for Bidding No.

EMMETT E. KUMLER
Newport, R.D. 1, Pa.
567-3261

V. Art Kling, Auctioneer

1979 FEEDER CATTLE & CALF SALES

SOUTH BRANCH STOCKYARDS, INC.,
MOOREFIELD, WEST VIRGINIA
Phone: (304) 538-6055 - (304) 538-2579
538-6600 257-1054

FIRST SALE FRIDAY, APRIL 6

7:30 P.M.

1250 HEAD ... NUMBER ESTIMATED

SECOND SALE FRIDAY, APRIL 20

7:30 P.M.

1500 HEAD ... NUMBER ESTIMATED

TWO YEAR OLDS,
YEARLINGS AND CALVES
All Long Haired W. Va. Cattle

Sales Sponsored By

The South Branch Stockyards, &
The West Va. Department of Agriculture

FREDERICK COUNTY HOLSTEIN SALE

At the Fairgrounds - Frederick, Md.

TUESDAY, APRIL 10

11:00 A.M.

60 REGISTERED HOLSTEINS SELLING 60

Including Large Group of Fancy Bred heifers
And 2 Service Age Bulls

Selected from the Top Herds in
Frederick and Surrounding Counties

25 BRED HEIFERS 25

Most due at or near sale time. Five by Jet Stream including a nice heifer from a dam with 22,990M and 955F bred to Astronaut. Also a Jet Stream with her GP 84 dam over 650F as a 2-yr old. Other bred heifers include four by Elevation and two by A Citation Sovereign.

12 COWS 12

Many recently fresh or will be springing. Featuring: A GP 83 dtr. of Elevation with twice over 820F and records to 22,700M

A Jet Stream due with second calf from a VG dam with 20,000M

A dtr. of Dan-Ver Admiral Jay with records to 22,680M and 724F due after sale to Jet Stream.

21 CALVES AND OPEN HEIFERS 21

Nice group of calves suitable for show with good pedigrees. Sires include Jerry, Job, Fury Ivan, Jet Stream, Astro Galaxy and other popular A.I. sires. These sell:

July calf from VG 88 dam with 3 records over 20,000 to 23,370M and 843F.

October Jerry from VG Elevation; gr dam has 23,240M and 876F.

October Job from VG dam with 19,000M and 770F as a 2-yr old.

2 SERVICE AGE BULLS 2

Both sired by Elevation from top record dams. One dam is EX with twice over 800F, the other is a VG dtr. of Kingpin with records to 21,850M and 814F.

Sponsored by the Frederick County Holstein Association

Sale Managed by:
REMSBURG SALE SERVICE
Jefferson, Maryland 21755
Phone: 301-473-8214

PUBLIC SALE SATURDAY, APRIL 7

10:00 A.M.

Located 3 miles east of Mifflintown, Juniata County. Sale sign along old route 22 at Jct. 75 & 22 near Port Royal Interchange.

HOUSEHOLD ITEMS & ANTIQUES

10:00 A.M.

1 1/2 hp. economy gas engine; Atlas of Juniata Co., 1877 (Al cond.).

TOOLS

11:00 A.M.

MACHINERY

2:00 P.M.

Massey Ferguson 165 diesel tractor, 250 hrs.; Massey Ferguson 65 gas tractor w/back hoe & front end loader, 1960, bought new & used very little; M tractor; H tractor; Ford Ferguson tractor; 3 F Oliver trip back plows 6"; 1949 Int. K.B. 5 dump truck, gd. cond.; David Bradley corn sheller, 3 pt.; #310 N.I. Twin 3pt. fert. spreader; Wisconsin power unit, V 4; 1 bag cement mixer, 3pt. pto w/hyd. dump (like new).

TRUCK & CAMPER

F 100 1/4 pick up, slide in pick up camper; gas stove, furnace & ice refrigerator; sleeps 4.

Other machinery & many farm tools.

SALE IN TENT.

FARM HAS BEEN SOLD.

TERMS: CASH OR GOOD CHECK.

LUNCH

Owners,

SAMUEL L. & BEULA G. BRUBAKER

PH. 717-436-6659

LONG BROS. AUCTS.

Port Royal, PA.

R.D. 1, 17082

Ph. 717-527-4458

PUBLIC SALE

OF REAL ESTATE
(VERY NICE 28 ACRE FARM)
WED. EVE., APRIL 18

At 7:00 P.M.

Loc. along Safe Harbor Road, R.D. #1 Millersville, Manor Twp., Lanc. Co., Pa. (about 4 miles West of Millersville; take Letort Road to Safe Harbor Road; go past Masonville Mennonite Church; first lane past Brenneman Road on right).

28 Acre farm w/very nicely restored old log 2 1/2 story, 7 room & full bath house w/green alum. siding. Sep. Buildings: 1 1/2 story frame bank barn w/corn crib; lg. cement block 3 car garage; 2 story frame chicken house. Land Contents: 20 acres of tillable ground w/1023' road frontage, 5 acres of pasture w/2 streams, spring & some wood land. Total of 28 acres of land more or less. Property open for inspection. Sun's. Mar 25 - April 1 & 8 from 1 till 3. Very nice Property must see to appreciate.

Sale by

KATHLEEN S. & ECKERT S. ERB JR.

Hartman, Underhill & Brubaker Attys.

Blahinger, Grove & Chillas P.C. Attys.

Howard Shaub Auctioneer 464-3541

and Roy C. Probst 464-3190

Sale Reports

A Public Sale of farm machinery was held March 17 by Ruth H. Guy, 8 miles east of Intercourse, Lanc. Co., Pa.

Some items sold were: M.H. Pony Tractor \$400, Farmall 404 Tractor \$1820, Oliver 2-B Plow \$380, Tractor Chains \$12, Farmall Super C \$810, Grass Mower \$150, Corn Planter \$135, Int. 1-row Corn Picker \$760, Wagon \$310, N.H. Baler \$400, Manure Spreader \$165 and J.D. Rake \$375.

Steve Petersheim was the auctioneer.

xxx

A Public Auction of farm machinery was sold March 13 by Mrs. Paul Stofflet, between Boyertown and Hereford, Montgomery Co., Pa.

Some prices received were: 20' x 70' Harvestore Silo \$11,900, David Brown 1200 D Tractor \$2260, N.H. 469 Haybine \$1150, N.H. Super 717 Forage Harvester \$570, and Ford 4-Bottom Plow \$290.

Sale conducted by Ralph W. Zettlemoyer Auct. Co.

xxx

A Public Sale of Holstein cows and machinery was held March 16 by Mr. and Mrs. Abner E. Zook, 1 mile west of Reedsville, Pa. The sale was well attended.

Items sold included: Oliver 1855 D Tractor \$8000, Oliver 1550 D Tractor \$3750, Elevator \$1250, Bale Wagon \$1100, Esco 425 gal. Milk Tank \$300, and top cow \$1975, with others \$1700 & \$1500.

Mark Glick was the auctioneer.

xxx

A Public Auction of farm equipment was held March 15 by Frank and Evelyn Miller, between Allentown and Slatington, Lehigh Co., Pa.

Items sold were: Ford 2000 Tractor \$5600, Blackhawk

Tractor \$700, J.D. 2-B Rollover Plow \$600, J.D. 10' roller Harrow \$950, N.H. 461 Haybine \$1700, Ford 3 pt. Mower \$410 and Ford 2 row Corn Planter \$700.

Ralph W. Zettlemoyer Auction Co.

xxx

A Public Sale of farm machinery was held March 17 by Galen and Nancy Fetzner, off Route 15 at Turtle Creek, Pa. A good sized crowd attended the sale.

Some items sold were: J.D. 4010 Tractor \$5650, Int. Flail Chopper \$1000, Gehl 1 row Harvester \$1100, N.H. 461 Haybine \$700, N.H. 67 Baler \$1950 and Black Angus steers 700-900 lbs. \$550 to \$700 each.

Auctioneers were Wayne Hess & Earl Eash.

xxx

A Public Auction of household items and farm machinery was held March 14 by Mary G. Kline, R.D. 3, Middleburg, Snyder Co., Pa. Big crowd despite bad weather.

One outstanding item sold was the two "pine" ½ and 1 lb. butter prints which were sold for \$880.

Other items sold were: Grandfather's Clock \$4350, Mantel Clock \$45, Quilt \$130, Oil Light Bracket & Reflector \$32.50, Willow Basket \$42.50, Blue Design Bowl \$87.50, Mush Kettle \$17.50, 1767 German Bible \$42.50, Post Card Album \$56, Frick Thresher on steel \$350, M.F. 35 D Tractor \$2325, M.F. 65 G Tractor \$2200, and antique Graham Bradley Tractor \$700.

Earl Eash was the auctioneer.

xxx

A Public Sale of real estate was held March 17 by Dale Malin, 2 miles north of Churchtown, Lanc. Co., Pa.

The 1¼ acres with a 6 room home with 2 car garage and shop was sold for \$25,000 to Ben King, R.D., Narvon, Pa.

Auctioneers were LeRoy S. Horst and Paul W. Horst.

xxx

A large crowd of 500 people were attracted to a public sale of farm machinery, household goods and antiques on March 17th. The sale was held by G. Richard Baker, R.D. 2, Columbia, Lancaster Co., Pa.

Items sold included: Int. 574 Tractor \$7000, Model 720 Snowblower \$1250, A.C. Riding Mower \$1500, Far-

mall Cub \$1950, Case VC Tractor \$700, Brillion Cultipacker \$300, 40' Elevator \$900, Mohawk Mower \$350, M.F. Manure Spreader \$1075, Lionel Train \$540, 3-prong Wooden Fork \$85, Butter Mold \$65, Kerosene Hanging Light \$200, Wall Clock \$190, Brass Bullfrog \$40, Jelly Cupboard \$190, and a Walnut Hall Rack \$275.

Auctioneer was Jay M. Witman of the J. Omar Landis Auction Firm.

PUBLIC SALE

4 TRACTORS: FARM MACHINERY: TRUCKS: AND HAY SATURDAY, APRIL 7 11 A.M.

Located 2½ miles North of Coatesville on Route 82 to Route 340, turn East on Route 340 ½ mile to Hurley Road, turn on Hurley Road 2 miles to sale. West Brandywine Twp. Chester Co., Pa. Watch for sale signs.

FARM MACHINERY: 4 Tractors, Farmall 400 fully equipped; Farmall Super C w/cultivators and plow; Farmall H; WC A C tractor; 12 ft. transport cultipacker; Int. 7 ft. mower; 3 B 14" plow 2 pt.; 3 hay balers 2 N H, 1 J D for parts or junk; McD 13 hoe grain drill needs work; 3 2 row corn planters; 1 3 pt.; A C 5 ft. combine PTO w/bin; 2 rubber tire wagons; N I manure spreader; bale elevator; 300 gal. gas tank and pump; N H flail chopper; hay conditioner; old hammer mill; old fodder cutter; many other pieces of farm machinery for parts or junk; Surge milk pump w/motor; 500 gal. Esco milk tank; Wash tubs; other items not listed, not many small items.

14 ton mixed hay; 4 ton Chestnut coal.
1967 GMC ½ ton Fleetside pick-up; 1969 Ford ½ ton Fleetside pick-up.
Terms CASH.

The Estate Of,
JAMES MCCORMICK
By Order Of,
MARY F. MCCORMICK

William March, Jr. Auctioneer
Elverson, Pa.
286-5744

Lunch Available

PUBLIC SALE

OF VALUABLE FARM MACHINERY AND PERSONAL PROPERTY SATURDAY, APRIL 7

At 10:30 A.M. Sharp
Located at RD#12, Hellam Branch approx. 1½ miles west of East Prospect along East Prospect-York Road at Debroy. The undersigned will offer at public sale the following.

Farm Machinery

65 Massey Ferguson tractor power steering 3 point hitch with a Sauder manure loader. J. Deere 6 ft. rotary mower, J. Deere 10 ft. disc., D. Bradley elevator, Int. 2 bottom trailer plow, J. Deere trip spring harrow, Cultipacker, Massey Harris side delivery rake on harrow, Coop manure spreader, Cunningham hay conditioner, J. Deere Van Brunt 17 hse. drill, J. Deere 39 3 pt. hitch grass mower, orchard sprayer pulltype, disc, rubber tire wagon, 2-two wheel trailers, one on rubber, 65 Massey Ferguson belt pulley, Papec hammermill, platform scales, belts, battery charger, ropes, sprayer parts, forks, log chains, electric fence chargers, tractor chains, motor, some aluminum siding, spouting, rubber bander, balling gun, lumber, 2 cellar jacks, saw buck, wagon load of the usual small items hardware etc.

Personal Property

110 J. Deere mower lawn & garden tractor, small wood stove, electric meat saw, butcher tools, pony saddle, children's swing, 6 ft. aluminum step ladder, pidgeon coops, sheep feeders, portable sheep rack, battery hot shot, 4 pt. fluorescent lights, new inch mesh wire, electric heater, 48" x 72" braided rug, tier table, 2 lounge chairs, 3 chaise lounges, 2 window fans, berry boxes, paper bags, baskets, jug with handle, window sash, shingles, and many other articles to numerous to mention.

Sheep

2 Corriedale and 1 Hampshire sheep.
Not responsible for accidents on day of sale
Refreshments available.
Terms-Cash or approved check.

WILLIS B. KELLER
Jacob A. Gilbert, Auctioneer

ADVANCE NOTICE COMPLETE DISPERSAL

OF CLARENCE & BETTY BENNETT
Linckean, N.Y. - Chenango Co.
FRIDAY, APRIL 13th
11:00 A.M.

Cattle consist of 33 Milch cows with 7 fresh, 18 due to calf from July thru October, and balance in various stages of lactation. Also, 2 bred heifers and a started R & W Holstein calf. This is a top producing dairy of mostly Holsteins with 2 Jerseys, 5 R & W Holsteins, and 2 Guernseys.

Full line of well cared for machinery featuring a David Brown #1200 Selectomatic diesel tractor, AC #170 gas tractor, NH #256 rake with rubber teeth and all other machinery necessary to operate a well run 232 acre farm.

PRODUCE includes about 1500 bales of first and second cutting hay plus about half a silo full of good corn ensilage in 18' x 50' cement silo.

Farm is also for sale by private treaty and consists of 232 acres with 100 tillable, 41 stanchion barn with Agway barn cleaner, 500 gallon Mueller bulk tank, DeLaval pipe line milker with 4 units, 18' x 50' and 12' x 35' cement silos, Jamesway silo unloader, NH mow conveyor, some timber and a young sugar bush. Also, 8 room modern home with 3 bedrooms, 1 bath, and oil hot air heat with nearly new furnace.

For more information or appointment call 607-863-4141.

Manager's Note: This is a top producing dairy and all cattle will be blood tested eligible for immediate interstate shipment the day of sale, as well as being vet examined for pregnancy and having their shipping fever shots. The machinery is in A-1 condition also — come take a look — you'll like what you see here.

**AUCTIONEERS,
WILLIAM & DAVID KENT**
Bergen, N.Y.
716-494-1890

**JACK WOODS LIVESTOCK
& AUCTION SERVICE**
Sales Managers
Cincinnati, N.Y. 13040
607-863-4141

PUBLIC SALE

FARM EQUIPMENT, TRUCKS & HOUSEHOLD GOODS FRIDAY, APRIL 6, 1979 AT 10:00 A.M.

Turn off old Rt. 22 at West Hamburg onto Berne Road toward Center Port for 3½ miles in Center Twp., Berks Co., PA.

FARM EQUIPMENT

Case 830 diesel tractor w/front end loader; Case 800 diesel tractor; AC WD45 trac.; MC #70-4-16" pl.; Case 10' transport disc; MC 4 row corn planter; JD 13 disc. drill on rubber; Ontario 16 disc drill on rubber (as is); NH 469 haybine; NH 450 - 7' mower; Century 125 gal. 3 pt. poly tank weed sprayer; NH 269 baler w/PTO thrower; Little Giant 40' bale elev.; 24' hay mow elev.; NH super 23 hopper silage blower; NH 36 flail chopper; NH 516 PTO 3 beater manure spreader; NH 717 forage harvester w/1 row cornhead & windrow attach.; NH #8 2 beater forage wagon used for 25 loads (new); MH 4 bar rake; Grove 4 whl. trailer w/bale sides; Case 4 whl. trailer w/bale sides; McCurdy 200 bu. gravity wagon w/8 ton chassis; Farmec 150 bu. gravity wagon w/5 ton chassis; N. Idea #323 1 row corn husker picked 60 acres; 3 stainless carrying pails; cow trainer set; JD 56 riding lawn mower; JD 5 hp. roto tiller; new rough saw 1'x4" oak boards; 10 pcs. 1'x7" cherry boards; 36" barn fan w/1 hp. motor;

TRUCKS

1969 Int. 1100 pick up; 1961 GMC 3500 w/12' body;
HOUSEHOLD GOODS

Norge coppertone refrigerator freezer; Norge auto washer & dryer; 2 chest freezers, 12' & 20'; 3 pc. LRS; sofa bed; flat top desk; 3 pc. BRS brass bed; 5 pc. maple dinette set; plus other articles too numerous to mention.

Refreshments served.

Reason for sale: Farm is sold, owners moving.

Order of sale: Small items first, household goods next, farm equipment approx. 12:30.

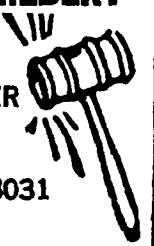
Sale for:

ROBERT & NAOMI HILBERT



**RALPH W. ZETZLEMOYER
AUCTION COMPANY**

Route No. 1
Breinigsville, Pennsylvania 18031
Phone: (215) 285-4616



ANTIQUE GUN AND COIN SHOW

SAT. MAR. 31 & SUN. APR. 1, 1979
Saturday 8 A.M. - 5 P.M. - Sunday 9 A.M. - 3 P.M.

LOOK - BUY - SELL - TRADE

AT THE FARM & HOME CENTER
1383 Arcadia Road, Lancaster

PUBLIC SALE

The undersigned will offer at public sale located at Port Trevorton R.D. #1 (turn East from Route 104 at Meiserville and North ½ mile at Sale sign). Snyder County, Pa.

200 HEAD TOP QUALITY FEEDER CATTLE APRIL 14, 1979

Beginning at 11:00 A.M.

INCLUDED IN THE ABOVE ARE:

A broad selection of Angus, Hereford, Charolais, Holstein and Cross Bred Steers, also some good open Heifers of each breed. One bred Guernsey Heifer due to freshen sale day.

A large number of the cattle are uniform in breed & size.

All cattle are fully acclimated, vaccinated & dehorned, ranging from fully started calves to 800 lbs.

HOGS

Five Brood Sows, several good litters of feeder pigs.

Owner

ROY MARTIN & ALLEN WEAVER

L. Klingler Auct.

Terms: Cash



PUBLIC SALE

FARM EQUIPMENT, TOOLS AND SUPPLIES SATURDAY, APRIL 21

At 10 A.M.

The undersigned will offer at public sale located 2 miles south of Westminster, MD, 1 mile off of 97 south, 821 Hook Rd. The following:

FARM EQUIPMENT

3000 Ford Select-o speed tractor, Ferguson 30 tractor, Farmall H tractor, Allis-Chalmers tractor with side mounted mower, new gravity bin wagon, high side hay wagon, flat bed wagon, rubber tire trailer for road use, IHC 13 disc drill, IHC 16 disc drill, John Deere disc, disc for Cub tractor, IHC 7 ft. mower, IHC manure spreader, JD side rake, JD 2-14 in trailer plow, JD hay crusher, Case elevator, 3 section harrow, field sprayer, following 3 point equipment: JD corn planter, Ford 2 bottom plow, 2 way plow, Ford 2 row cultivator, 1 row cultivator, 1 bottom plow, JD 2-14 trip plow, Ford 8 ft. disc, 6 ft. disc, JD 5 ft. rotary mower, harrow, 6 and 7 ft. blades, wood saw, lay off plow, lift pole, carry all, group scoop, 12 x 28 and 14 x 28 tractor chains, Ford pulley, platform scales, rubber tire wheelbarrow, 1 section harrow, lawn rollers, corn sheller, rotary lawn mowers, anvil, 55 gal. drums, lumber, american wire, wood and metal posts, wash line posts, picnic table, bath tub, chains and load binders, nails and bolts, wagon load of carpenter tools, wagon load of many other items, many other items not mentioned.

NOTE: The above equipment is ready for the field.

Terms - Cash

MD Sales Tax

Lunch Stand

Not responsible for accidents

Owner,

PAUL W. LEISTER

Auctioneer - Ralph L. Schuchart 346-7523

Clerk - Miller and Leese

Clip This Ad For Reference

PUBLIC SALE

OF FARM EQUIPMENT SATURDAY, APRIL 14

At 10:30 A.M.

Located between Reading and Bowmansville, along New Holland Road, approximately 1 1/2 miles North of Junction of Route 625 and Route 568. Watch for sale signs.

FARM EQUIPMENT

G900 Minneapolis Moline 90 HP good condition, Ford 4040 with Industrial loader, Ford 860 weights and dual hydraulic, Farmall C rebuilt with cultivator, Ford Dexter Diesel, J.D. 730 diesel P.S. 1965 Int. Loadstar new bed - air brakes and 2 speed rear with dump and grain sides. 1956 GMC 2 1/2 ton farm truck, Athens 10 tooth No. 156 chisel plow 3 pt., 1956 Chevrolet 5700 with grain dump bed, 12' Bush Hog off set transport disc harrow, 12' Brady transport field harrow, J.D. No. 336 baler with kicker, Gehl No. 1500 round baler, 3 pt. 8' J.D. disc harrow, spraying attachment for baler, J.D. No. 640 side rake, 4 flat wagons with hay racks - 2 size 8' x 18' very good, new 8' x 16' flat wagon bed, 1 - 8' x 16' and one 8' x 14', Sauder front end loader and 5' dirt scoop, J.D. No. 40 PTO manure spreader, Grimes PTO hay fluffer, Wood 9' rotary mower, 3 pt. 6' rotary mower.

N.H. No. 450 3 pt. mower, Hesston No. P-10 - 9' haybine used 1 season, Brillion 8' grass seeder, Mulkey 24' bale elevator, mounted PTO seeder, 15 disc J.D. grain dill, No. 503 Int. combine with cab and 4 row wide corn head, White 5400 no till corn planter monitor with dry fertilizer and insecticide attachment, 10' grain auger, 24 hole Smidley and 12 hole metal Agway hog feeder, Century 20' transport sprayer 120 gal. cap., 3 pt. Ford cultivator, 2 way and 1 way hydraulic cylinders, 3 pt. 6' blade, Ford heat houser, 5 gal. cans, 50 gal. drums, baler twine, 18.4 x 38 tractor tires and rims, lot used good tin roofing, 7 rolls good used chicken wire, truck canvasses, tractor chains, plastic and galvanized pipe, approximately 20 tons 1st and 2nd cutting alfalfa hay, Star Craft Popup Camper sleeps 6, also other items not mentioned. Come early very little small pieces. Mostly late model equipment.

Terms By

PAUL S. BARR

670-0584

2814 Garfield Ave.

West Lawn, PA 19609

Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main Street, Morgantown, Pa.
215-286-5183

Lunch Available

Sale Reports

A Public Auction of farm machinery was held March 13 by Nelson E. and Mary Martin, one mile west of Ephrata, Lancaster County, Pa.

Items sold included: Transport Disc \$1300, Cultimulcher \$1750, N.I. Spreader \$550, Tank Sprayer \$1075, I.H. Corn Planter \$700, N.H. Haybine \$3100, Case 1070 D Tractor \$10,200, Case 730 G Tractor \$3600, 4-Bottom Plow \$1500, Chisel Plow \$1000, David Brown Tractor \$5400, antique Gray Engine \$590 and 100 ton Ear Corn \$64 to \$74 per ton.

Sale conducted by Randal V. Kline & Lloyd H. Kreider.

A Public sale of farm equipment was held March 17 by Charles E. Wesner, between Dauberville and Fairview on Center Rd., Berks Co., Pa. There was a good attendance at the sale.

Items sold were: Farmall M Tractor \$1260, N.I. Manure Spreader \$560, Corn Husker \$80, J.D. 3-Bottom Hy. Plow \$610, Side-Mounted Grass Rake \$220, Rubber tired Wagon \$265, Hay Elevator \$300, Snell Grain Elevator \$160 and N.H. Baler w/engine \$380.

Dennis F. Wagner was the auctioneer.

xxx

The Gap Auction was held

77 ACRE LYKENS VALLEY FARM

PUBLIC AUCTION

SAT., APRIL 14, 1979

AT 9:30 A.M.

1 mile West of GRATZ, Upper Dauphin County, Pa.; 40 miles North of Harrisburg. (Watch for auction arrows on the day of sale along Route 25 midway between Gratz and Cross Road Sale & Market).

6-ROOM DWELLING BANK-TYPE BARN STORAGE SHEDS



77 ACRES, approximately 70 acres tillable, balance pasture and wooded area. Small stream. This farm is in a high state of cultivation located close to the weekly farmer's market in the heart of the beautiful Lykens Valley.

FOR INSPECTION CALL: (717) 425-3313

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

HOUSEHOLD ITEMS

Frigidaire refrigerator; G.E. refrigerator; Whirlpool range; coal & gas range; gas room heater; coal heatrola; television sets; 3-pc. bedroom suite; occasional chairs; sofa; extension table; electric heaters; metal beds; floor & table lamps; metal tubs; clothes trees; rugs; dishes; cooking utensils; meat saw; rotary lawn mower; many other items.

ANTIQUES & COLLECTIBLES

Dry sink; round oak pedestal table; OAK bed, bureau & washstands; china closet; decorated cottage style bureau; oak high back chairs; sideboards; COLUMBIA OAK ROOM HEATER, nice condition; wardrobe; oak rockers & stands; library table; trunks; Victrolas; copper wash boiler; bread riser; quilt frame; butter churn, bowl & mold; lantern; picture frames; irons; metal bed w/brass trim; wooden pie cupboard; brine barrel; sausage stuffer; meat grinder; butcher kettles; meat hooks; meat bench; slaw cutter; wooden benches; crocks; jugs; wood box; treadle sewing machine; wagon seat; other items.

FARM EQUIPMENT

(2) FORD TRACTORS, 1954 Models in nice condition; 1947 Ford Ferguson tractor; (2) Ford plows 12' & 14'; Ford 3-pt. 2-row planter; 3-pt. blade & lift; (2) flatbed wagons; NH 269 PTO baler; AC 6' combine; Case baler w/Wisconsin motor; NI rake; MH 1-row cornpicker; NI 30' bale & grain elevator; HH grain elevator; 4' auger-type elevator; Ontario 14 disk grain drill; Ontario 10 hoe grain drill; Int. silage blower; Lilliston stalk cutter; tractor chains; Oliver manure spreader; 3-section harrows; 8' disk; 14' 3 and 2-bottom plows; (2) swab wagons; hay loader; weed sprayer; riding cultivators; dump rake; (2) wheelbarrows on rubber; animal clipper; hay hook; electric fence; fence posts & wire; brooder stove; cornsheller; hog & chicken feeders & troughs; single trees; log chains; milk coolers; milk cans; wash tubs; neck chains; trailer cords; horse collars; saddle; hand tools; stepladder; gas & water tanks w/pumps; many other items.

approx. 15 TON STRAW and 15 TON HAY
1964 CHEVROLET PICKUP

Owner:

ELLEN M. LEFFLER

Patrick E. Kerwin, Attorney

Kerwin & Kerwin

George N. Deibert, Auctioneer (717) 425-3313

— Lunch Available —

Sale will start with Antiques & Household Items.

Lancaster Farming, Saturday, March 31, 1979—159

March 16 and included two estates; one from Christiana and the other from Columbia.

Some prices included: Spaghetti Maker \$22.50, Pair Cornucopia Vases \$60, Cupid Lamp \$60, Tin Headed Doll \$30, Split Reed Basket \$45, Ladies' Desk \$95, Jelly Cupboard \$175, Combination Bookcase \$225, China Closet \$235, Pair Cathedral Chairs \$130, Oak Bed \$160, Bedroom Suite \$220 and Wooden Measures \$22.50.

Ira Stoltzfus & Son and Jay Leary were the auctioneers.

xxx

An Auction of farm equipment and potato equipment was held March 17 by Mrs. Paul Wessner, 18 miles north of Allentown, Lehigh Co., Pa. There were 1000 people attending the sale.

Some items sold included: Ford 5000 Tractor \$4000, Ford 3000 Tractor \$4400, Ford 2000 Tractor \$2975, 1973 Chev. Pickup \$1325, 1972 Chev. Van \$2050, Ford 3-B Roll Over Plow \$2050, N.H. 501 3 pt. Mower \$910, Ford 3 pt. 2-B Plow \$400, Oliver 2 row Potato Planter \$390, Oliver 2 row Potato Digger \$250, and Ford 3-B Plow \$390.

Ralph W. Zettlemoyer Auction Co. conducted the sale.

xxx

A Public Sale of horse drawn farm machinery and horses and mules was held

March 14 by Joseph L. and Malinda S. Fisher, 2 miles southwest of Paradise, Pa.

Two horses sold for \$1400 each and a 1 year old mule sold for \$570. Other horses sold for \$950, \$1200 and \$1025.

Other prices received were: Hydraulic Pump on Wheels \$285, Elevator \$640, Baler \$3450, Plow \$375, Sizing Boxes \$10 & \$18, Corn Picker \$3100, N.H. Manure Spreader \$370, 2-way Plow \$300, Corn binder \$370, Drill \$400, Mower \$120 and Hay Tedder \$875, plus a Dinner Bill \$80.

Steve Petersheim was the auctioneer.

xxx

A Public Sale of farm machinery was held March 17 by Mr. and Mrs. Cleason Shaull, 5 miles south of Red Lion, York Co., Pa. It was a beautiful day and a large crowd attended the sale.

Items sold were: M. Moline D Tractor \$5200, Ford 3000 Tractor \$3150, 1968 Pickup Truck \$1000, '55 Dodge Truck \$985, 2-row N.I. Corn Picker \$3050, Bin Wagon \$875 and M.F. #12 Baler & Thrower \$1900, also Grinder-Mixer \$975.

Robert L. Sechrist, Auctioneer.

xxx

A Public Auction of farm machinery was held March 2 by Charles F. and Joan Hoffman, 2 miles northwest of Allentown, Lehigh Co., Pa.

Some items sold were: J.D. 2520 Tractor \$5550, J.D. 494A Corn Planter \$1025, J.D. #40 Combine w/grain & cornhead \$4200, Chev. Model C 50 Truck \$5600, 1970 GMC Truck \$6000, J.D. A Tractor \$1025, and J.D. B Tractor \$1150.

Sale conducted by Ralph W. Zettlemoyer Auct. Co.

xxx

An Auction of farm equipment was held February 27 by Harold and Irene Mantz, 10 miles north of Allentown, Lehigh Co., Pa.

Some items sold were: Int. Dump Truck \$1700, Ford Dump Truck \$5075, J.D. 3 Bottom Rollover Plow \$1450, Oliver 65 Tractor & Cab \$9000, Oliver 88 Tractor & N.I. Husker \$2230, Case Combine w/grain & cornhead \$3100, J.D. Grain Drill \$1385 and Trailer type Weed Sprayer \$500.

Sale by Ralph W. Zettlemoyer Auction Co.

"SPRING"

LAMB

AND GOAT

SALE

Fri., Apr. 6
2:00 P.M.

This is the big one! This is the sale YOU have made the best attended Spring Lamb Sale in the East! Lambs sold in order received.

Rabbits & Poultry
12 Noon (no eggs)

CARLISLE

Livestock Market
Just East of I-81
at Exit 12

PUBLIC SALE

FARM MACHINERY THURSDAY, APRIL 5

1:00 P.M.

DIRECTIONS: Take Hellam Exit off Rt. 30, go North on Kreutz Creek Road approx. 8 miles. Watch for signs. Approx. 2 miles East of Kondor Saw Mill.

FARM MACHINERY

John Deere A tractor, John Deere No. 45 2 row combine with grain head, John Deere 4 row corn planter, John Deere 7 ft. mower, (3) John Deere 2 bottom plows, John Deere cultivators, J & M grain wagon, like new; John Deere drill, side delivery rake on rubber, Oliver 13 disc grain drill, Lancaster grain fan, 1887.

GRAIN DRYER

5500 bushel Stormor bin and dryer, burner and fan, 2 grain augers with motors, wagon bed, sprayer, platform scales.

NOTE: NO SMALL ITEMS TO SELL.

TERMS: CASH OR APPROVED CHECK
NOT RESPONSIBLE FOR ACCIDENTS.

MARY S. KEESEY
RD 11, Hellam, Pa.

Preston Chronister, Auctioneer
Phone: 755-4317
Randall Miller, Clerk

Sale Reports

A Public Auction of Farm Equipment was held March 10 by Raymond Werkheiser, between Easton and Bangor. There were 800 people at the sale.

Items sold included: Farmall 1066 Tractor \$14,700, Farmall 656 Tractor \$7000, Farmall M Tractor \$1450, Farmall H Tractor \$1000, M.C. 205 Combine \$6000, M.C. 12' Transport Disc \$3750, Brillion Transport Harrow \$1325, J.D. 4-row Bax-Emerge Corn Planter \$4800, M.C. Grain Drill \$2500, N.H. 467 Haybine \$2100, J.D. Forage Wagon \$1500, N.H. 36 Crop Chopper \$1500 and Gravity Bin Wagons \$800 each.

Ralph W. Zettlemoyer Auc. Co. conducted the sale.

a 2½ story log house, 2 story shop and log barn was sold for \$38,400.

Auctioneers were Weik & Copenhaver.

xxx

A Public Sale of farm machinery, hay, straw and grain was held March 17 by Warren and Alice Wolf, 1973 Thompson Ave., Jonestown, Lebanon Co., Pa. It was a well attended sale.

Some prices received were: Farmall M Tractor \$1400, N.H. Baler \$650, Bale Elevator \$370, Grain Drill \$390, J.D. Corn Planter \$310, Disc \$335, Flat Bottom Wagons \$190 & \$320, Hay \$38 to \$50 per ton, Straw \$47 per ton, Baled Corn Fodder \$42.50 per ton, Corn \$65 per ton, Barley \$2.05 per bu., and Oats \$1.75 per bu.

Roy I. Ebersole & John Breidigam, Auctioneers.

xxx

A Public Sale of real estate was held March 17 for the Willie Brown Estate, along Route 645, approximately ½ mile north of Rts. 78-22.

The 5½ acres of land with

Results of the Fern Seidt sale, conducted by auctioneer John Frey, were: Gleaner & combine \$5350, JD

4230 tractor \$15,000, NH Haybine \$1500, NH Harvester \$1700, NH Grass head \$750, NI corn picker \$2300, IH 3200A Skid loader \$3300, Grove wagon \$1150, Grain wagon \$625, AC grain drill \$975, Ford corn planter \$450, JD 110 disc \$1375, Hay bale wagons \$400 to \$650.

xxx

A Public Sale for Jay and Mary Ellen Bower near Marion, Pa., was held on March 13. Some prices: JD 4020 Diesel, \$13,050; JD 3020 Diesel, \$7025; JD 620, \$2400; JD 1520, and loader \$5000; International 4-bottom plow, \$2900; New Holland flail spreader, \$2150; N.H. 273 baler, \$2500; Gehl harvester, \$2100; heifers due in late

spring up to \$1000. Ralph Horst and Art Kling were auctioneers.

xxx

Brooks End and Par Kay Farms, Beavertown, held their annual Spring Sale March 9, 1979.

The top-selling animal was a Yorkshire bred gilt going for \$2,000 to Cordell Boss, Orrville, Ohio.

The 57 head of Yorkshire bred gilts averaged \$785; 35 Yorkshire boars averaged \$487; 39 Landrace bred gilts averaged \$616; 18 Landrace boars averaged \$529; 10 Landrace open gilts averaged \$341; 95 head of commercial open gilts averaged \$210. The 254 head totaled \$118,650 for an

average of \$467 per head. The 159 pure-bred boars and gilts averaged \$621.

Five littermate bred Yorkshire gilts sold for \$9950. They were straight Irish bloodlines, all by Greenback 36-3 and Field Marshall 44 from Ireland.

The top-selling Yorkshire boars were Lot 121 and Lot 108. Lot 121 was purchased by Tom Hardy, Farmville, North Carolina; and Lot 108 was purchased by Garland Flory, Grottoes, Virginia, each sold for \$750.

The top-selling Landrace bred gilt was Lot 70 purchased by Brandon Plantation, Spring Grove, Virginia, for \$1200. The top-selling Landrace boar was Lot 162 purchased by Mitch Rogers, Mayville, New York, for \$1075. The top-selling Landrace open gilt was Lot 154 purchased by C.R. Toombs, Amelia, Virginia, for \$390. This sale offering sold into 13 different states and Canada. Most of the sale offering was of Irish Bloodlines heritage.

EASTER LAMB & GOAT SALE

WEDNESDAY, APRIL 4

3 P.M.

Located at Belleville Livestock Market, Belleville, Pa.

Consign your lambs & goats to this special sale.

BELLEVILLE LIVESTOCK MARKET

PUBLIC SALE

THURSDAY, APRIL 5

Time 9:30 A.M.

HORSEDRAWN MACHINERY, TRACTORS, MACHINERY, ANTIQUES, ETC.

Location 5 miles South of Gettysburg on Route #97 (Formerly #140) in Adams Co., Pa. the following:

12 HEAD BEEF CATTLE MACHINERY

Massey Harris 30 tractor, JD 2-14" pull type plow on rubber, McDeering 7-28 disk harrow, JD 4 section spring harrow, 2 section spike harrow, Buchs 9' double roll cultipacker, JF side delivery rake on steel, JD flatbed wagon on rubber, PTO crop sprayer on rubber 2- NI manure spreaders on rubber 206 and 12-AS (like new), Case 32' hay and grain elevator, 2-10" hammer mills, 2 corn binders on rubber P.T.O. w/carriers (JD and Mc), NH 66 hay baler w/engine (good condition), McDeering #7 silo filler, AC #60 pull type combine w/bin and clover seed attach., 3 point scraper blade, NI 1 hole corn sheller, wheel barrow, 2 cyl. Wis. engine, platform scales, 2-6" endless belts, 200'-3" new belting.

HORSE EQUIP. & ANTIQUES

10-A NI spreader, 2-999 JD cornplanters, 2 Wiard 106 plows, 104 Wiard plow, 362 Syracuse plow, 3- McDeering riding cultivators, Rosenthal #40 corn husker and schredder, McDeering corn planter w/rope trip, 1341 Syracuse riding plow, NI steel wheel wagon w/hay and corn body, 3-#9 McDeering mowers - 5' 6' and 7' cut, 1-#7 McDeering 7' cut, 1 McDeering ground drive corn binder w/carrier, 2 walking cultivators, 2 potato plows, 2 spring wagon seats w/springs, iron kettle jacket, McDeering cultivator fertilizer attach, wooden wheelbarrow, 5' x 7' utility bldg., McDeering 5 H.P. water cooled engine, wooden wagon axles and bolsters, buggy poles and shafts, miniature horse collar w/mirrors and hames, 8' pool table, lots of old bottles, Model A-Ford pickup rear end, hand pump, dry sink, 2 iron kettles, 1 old Maytag engine, McDeering 1 horse mower, 2 horse dump wagon, 2 anvils, 2 blacksmith forges, racing cart w/56" wheels and staggered spokes, (made in 1800's A-1 condition), old silvertone phonograph w/radio and lots of old records, 200 bd. ft. T. and G. pine flooring 1-1/8" thick, old wooden wheel express wagon (A-1 condition), double-school desk, double tubs, old corner cupboard, sofa and chair, lots of 2 and 3 burner New Perfection and Ikonhoe kero cook stoves, also new and used parts, such as burners, chimneys, flame spreaders, burner rings, and oil stove parts of all kinds, iron 6 horse hitch (abreast), 1-2-3 and 4 horse trees of all kinds, harness, hames, collars, breast chains, stay chains, new and used 999 corn planter parts. New and used N.I. spreader parts of all kinds. Large assortment of new and used bolts, new corn-binder wood. 2-shoe laths, wagon and buggy wrenches, other old wrenches, cookstove parts. New and used oil lamps, hanging cupboard.

12 HEAD BEEF CATTLE 12

4-hereford cows, 1-charolais cow, 6-angus and holstein cross cows, 1 yearling charolais heifer, 1-Jersey family cow. 2 cows have calves on side balance due in 60 to 90 days.

MANY ITEMS NOT MENTIONED NOT RESPONSIBLE FOR ACCIDENTS TERMS: CASH OR APPROVED CHECKS

Owner

GIDEON STOLTZFUS

R.D. 2

Littlestown, Pa. 17340

Clair R. Slaybaugh, Auctioneer

Phone: 717-677-7479

Clerk - Jacobs & Kluck

Lunch Stand by Amish Ladies

PUBLIC AUCTION

FRIDAY, APRIL 6

Starting Time 9:30 A.M.

To be held 3 miles North of Selingsgrove or ½ mile South of Kratzerville along Rt. 204, Snyder County.

SELLING VALUABLE

FARM MACHINERY AND RELATED ITEMS

MF 65 diesel tractor, excellent rubber; MF 35 diesel tractor, excellent rubber; Massey Harris Model 22 row crop tractor with 2 row cultivator; JD 2-14, 3 pt. plow with coverboards; new MF 3-16 trip bottom 3 pt. plow with coverboards; 3 pt. 9 ft. spring tooth harrow; wooden drag; Ferguson 3 pt. 2 row cultivator; 3 pt. Oliver corn planter; Ferguson 3 pt. hay rake; 3 pt. MF 7 ft. mower; JD #5 semi-mount mower with 3 pt.; Ontario 15-8 grain drill on rubber; 3 pt. sprayer with boom; 12A JD combine with bin-motor drive; MF 124 baler with super sweep bale thrower (baled less than 6000 bales); two 8 x 16 bale wagons; two MF wagon gear with gravity boxes; 16 ft. feeder wagon on rubber; flat bed wagon with grain sides; 25 ft. bale elevator with motor; 16 ft. Harvest Handler aluminum elevator with motor; PTO grass seed sower; trailer type lime spreader; NI #17 ground drive manure spreader; NI #10 one row corn picker; JD #15A crop chopper; JD hay crimper; 2 hole corn sheller; 2 horse walking plow; portable centrifugal pump with gas motor; International Super 98 electric fence; 5 pickup guards for combines; 12 ft. galvanized gate; 12 round poles 27 ft. long; miscellaneous lumber; hog and chicken feeders and waterers; 5 gal. plastic buckets; 2 bathtub waterers; hay fork, rope and pulleys; feed bags; steel barrels; tight sides for 8 ft. pickup; wheelbarrow; rope and pulleys; heavy duty pulleys for steel cable; 2 man saw; chain saw with 22 in. blade; Sythe-shovels-grain rake; ladder; push type 2 row duster; 2-13.6 x 28 tractor tires, good; 2-12 x 26 tractor tires, good; miscellaneous implement tires; Hillside tractor hitch; hydraulic cylinders, 5 gal. fuel can; barrel with pump; oil cans; grease guns; hydraulic jacks; hard grease; chains; single tree; electric motors; wood tool chest; gas tank for Oliver 55 tractor; lead pot with heater; new implement jack; Shox Stox fence; stand for ¼ electric drill; load binders; steel cabinet; fence stretcher; some new and used machinery parts; 2 cans strong lard; galvanized window well; 3½ hp. riding mower with 26 in. blade; circulating fan with motor; 2 row potato planter, side rake for parts, scrap pile; plus other items.

STRAW - HAY - OATS - BARLEY - WHEAT

5 x 30, 5 x 24, Corn Crib to be moved.

Chuck Shed and another shed approximately 14 x 20, to be moved.

ANTIQUES

Extension table with claw feet; oak washstand; round coal oil heater; Columbian range; blacksmith vise; scales; post drill; anvil; wood meat case; hog hangers, 3 fts.; implement seat; cast sink.

Terms: CASH Lunch

Owner or auctioneer not responsible in case of accident

MRS. GEORGE BRESSLER

Owner

R.D. 1 Selingsgrove, Pa.

717-374-9233

EARL EASH, Auctioneer

New Berlin, Pa.

717-966-2569

SPECIAL DRAFT HORSE, DRIVING HORSE & MULE SALE



NEW HOLLAND SALES STABLES, INC.

New Holland, PA

FRIDAY, APRIL 6, 1979

11:00 A.M.

SPECIAL CONSIGNMENTS:

2 LOAD WORK HORSES AND 1 LOAD SADDLE-BRED DRIVING HORSES CONSIGNED BY WARD WRIGHT.

1 LOAD WORK HORSES BY STEIMER BROS.

1 LOAD WORK HORSES FROM CANADA BY KEN McNEELEY.

1 LOAD WORK HORSES BY BASIL MEADOWS.

1 LOAD WORK AND DRIVING HORSES BY BUD LEONARD.

1 LOAD DRIVING HORSES BY LEVI B. STOLTZFUS.

2 LOAD WORK HORSES AND MULES BY NORMAN KOLB.

Also many local driving horses.

For More Information Contact

Norman Kolb

Abram Diefenbach, Mgr.

717-397-5538

OR 717-354-4341

Notice - Next Horse Sale - May 4, 1979 - 7:00 P.M.

COVEDALE FARM HOLSTEIN DISPERSAL WEDNESDAY, APRIL 4

AT 10:30 A.M.

Located in Bedford Co., at New Enterprise, Pa., Turn off Route 869 at New Enterprise Bank, toward Salemville, two miles to farm.

93 REGISTERED HOLSTEINS CERTIFIED - ACCREDITED - VACCINATED 30 DAY HEALTH TESTS - PREGNANCY CHECKED

D.H.I. avg. last 5 yrs. 15,447 milk, 633 fat, 4.1%.

58 milking, 14 are from first calf. Nearly all are between 2 and 7 yrs. old. 15 Bred heifers to start freshening from July on thru fall. 20 from 1 yr. down to 3 mos.

High production and test, with individual records to 23,066 m. 1140 f. in 365 days at 4 y. 5 mo. 2 over 1000 f., 7 between 800 and 900 f. 21 between 600 and 800 f. Several over 20,000 milk. Many are from 20,000 lb. dams, with several over 1000 fat.

Most are ABC sired and bred.

Many fresh and bred back for Base Milk. Sires include Apollo, Ivanhoe Star, Performer, Complete, Gay, Rocket, Citation M, Proud, Marvex, Chief, Standout, etc. 2 yr. old Elevation due in Aug.

Good pedigrees. Production that pays the bills.

Arrange to see them sell.

LUNCH - SALE UNDER COVER - CATALOGS

Owner,

EUGENE D. KING

R.1, New Enterprise,

Pa. 16664

Phone 814-766-2651

V. Art Kling

Ralph W. Horst

Auctioneers

Fred M. Naugle, Pedigrees

R.7, Box 38

Carlisle, Pa. 17013

Public Sales Register

MARCH

SAT. MAR 31 - 11 A.M. Atglen Fire Co. Sale at the Atglen Fire House, Atglen PA, Chester Co John Umblor and Leon Kurtz Auctioneers

SAT MAR 31 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

SAT MAR. 31 - 9 30 A.M. Located in Centre Co., 2½ miles East of Aaronsburg, Pa on Rt 45 A good line Shop Tools, Lumber, Guns, & Some Furniture, Mr & Mrs Manasse A Yoder Mark Glick Auctioneer

SAT. MAR 31 - 9 A.M. Public Sale of Real Estate, Antiques & Collectibles & Household Items Located 3 miles South of Elizabethtown, Pa., 2½ miles South off Rt 225 on the Carsonville Rd. Watch for sale

signs along Rt 225 on day of sale Estate of Anna E. Miller Lee D. Dockey Auctioneer-Estate Liquidator-Appraiser

SAT. MAR. 31 - 10 A.M. 16th Annual Spring Sale, Kempton Community Center, Northern Berks Co., Kempton, Pa. Household Goods & Antiques, Lawn & Garden Equipment March 26 to 28, 4 P.M. to 8 P.M. each day only. No appliances, junk will be refused 12 Auctioneers, everything sold on commission basis Write "Sale" Box 42, Kempton, Pa 19529 or call 215-756-6511

SAT MAR 31 - 10 A.M. Public Auction of Real Estate, Farm Equipment, Antiques, Butcher Equipment & Other Tools Located 1 mile East of Pitman in Eldred Township, Schuylkill County, PA, 2 miles East off Route 125; 6 miles North of Hegins, 10 miles South of Shamokin Mr & Mrs. Kermit P. Stehr and Mr & Mrs Edward Q. Stehr, Owners George N. Deibert, Auctioneer.

SAT MAR 31 - 10 A.M. Public Sale of Farm Equipment and Household Goods, Antiques Located 10 miles South of Lancaster, East off Rt 272 on Fairview School Rd., or 3 miles North of the Buck Earl & Kathryn Finnefrock, Owners

Gary L. Shirk Apprentice. Lloyd H. Kreider and Randal V. Kline, Auctioneers

JAT MAR 31 - Complete Line of Farm Machinery and Household Goods Harry Arnold, Owner, Ickesburg, Perry Co., PA Art Kling, Auctioneer

SAT MAR. 31 - 9.30 A.M. Public Auction of Farm Equipment Located between Hamburg & New Ringgold, Travel East from Rt 61 along Rt 895 for 1½ miles to first blacktop road (left or west) to farm, Schuylkill Co. PA. Sale for HAROLD BENSINGER Ralph W. Zettlemoyer Auction Co., Auctioneers.

SAT MAR 31 - 10 A.M. Public Sale Real Estate, Tool, Household Goods, Antiques Located in Leacock Twp in the village of Intercourse, on corner of Rt 340 & Evergreen Ave. Terms by Christ L & Aquilla Smoker Auctioneer Steve Petersheim

SAT MAR 31 - Sechrist Sales Co 2nd Annual Spring Consignment Machinery & Tool Auction. Deadline March 5, mail list to Box 176, Fawn Grove, Pa. 17321 or see Bob at S.S. Co. auction Mondays.

SAT. MAR. 31 - 10 30 A.M. Pennsylvania Jersey Calf Sale to be held at Washington County Fairgrounds, Washington, PA

SAT. MAR 31 - Farm Equip-

ment Dispersal for Franklin Irvin located 1 mile South of Shirleysburg, Huntingdon Co., Pa. along Rt 522 Ralph W. Horst, Auctioneer

SAT. MAR 31 - 11 A.M. Public Sale, Spring Inventory Reduction of Farm Equipment, Umberger's Mill, RD#4 Lebanon, Pa (Fontana), 8 miles East of Hershey along Route 322. Nevin R. Hoover, Auctioneer

SAT. MAR 31 - 9:30 A.M. Public Sale of Farm Equipment Located between Hamburg & New Ringgold. Travel East from Rt 61 along Rt. 895 for 1½ miles to first blacktop road (left or west) to farm, Schuylkill Co. PA. Sale for HAROLD BENSINGER. Conducted by Ralph Zettlemoyer Auction Co

SAT MAR. 31 - 10 A.M. Public Sale of Farm Machinery, Shop Tools & Household Located along Rt. 94, 2 miles North of York Springs or 6 miles South of Mt. Holly Springs, turn onto Meadow View Road Watch for sign. Owner Mrs. Elmer R. Cashman Larry J. Peters Auctioneer.

SAT MAR 31 - 11 A.M. Scidoff's Annual Consignment Sale located 20 miles North of Easton, old Route 209 and 115, Sciota, Pa. If interested call 717-992-4611.

SAT. MAR. 31 - 9 A.M. Public Sale of Antiques, Household Goods, Quilts, Bottles & Books Located in the Millersville Firehall, along Charlotte St., borough of Millersville, Pa. Sale by Mr & Mrs B. Herbert Wiggins Auctioneers Howard Shaub & Roy C. Probst

SAT. MAR 31 - 10 30 A.M. Public Sale of Farm Equipment. Located on the premises 4 miles Northeast of Millersburg, Dauphin County, PA-off Route 25 North of the Village of Killinger on Etzweiler Road. Mr. & Mrs. Earl E. Etzweiler, owners Adams & Shoop, Deibler & Deibler, Auctioneers

SAT. MAR. 31 - 9 A.M. Public Sale of Farm Machinery, Heavy Equipment, Horse Drawn Items, Tools and Scrap Iron. Located approx. 5 miles from Hughesville, PA. Watch for Auction signs at the Angus Inn just North of Hughesville, PA along Rt. 220. Sale by Mrs. Marvin Houseknecht Kenneth D. Young and Kenneth C. Young, Auctioneers.

SAT. MAR. 31 - 10 A.M. Public Sale of Farm Machinery, Truck, Lawn & Garden Equipment, Some Household Goods and Antiques. Located 7 miles West of Downingtown, 6 miles East of Honey Brook on Rt. 322 to Rt. 82, turn North on Rt. 82, 2½ miles to Fairview Rd. turn East on Fairview Rd. ¼ mile to sale Wallace Twp., Chester Co., PA. By order of Steven H. Trego. Wm. March, Auctioneer, Elverson, PA 215-286-5744

"SPECIAL" FEEDER SALES

FOR YOUR CATTLE & PIGS

There's a strong demand for feeders this Spring. Prices have never been higher! To get the best possible price for your cattle, plan to sell through these "Special" sales at Carlisle. These sales are well advertised in 10 area papers. Plan now to attend one or all of these sales.

TUES. EVENINGS 7:00 SHARP AT CARLISLE

LIVESTOCK MARKET, Inc.
Schedule of "Specials"
Apr. 3
Apr. 17
May 1
May 15
Please Save This Adv.

SPRING CONSIGNMENT SALE

SATURDAY, APRIL 7

Starting 9:30 A.M.

The Farm of Bill Tressler, R.D. #3, Mill Hall, Pa. Between Mill Hall and Lamar, Pa. on Rt. 64.

FARM MACHINERY

Tractors-Farmall M, Farmall Super C w/2 point hitch, N.I. Spreader, N.I. Horse Spreader in A-1 Shape, Small Spreader, Lime Spreader, A.C. No. 70 Combine, Haybine, Disc, J.D. Hay Fluffer, J.D. Baler, 2-wheel Trailer, 3 Section Harrow, 4 Section Harrow, Corn Picker, 2 Bottom 14" Plow, Int. Ladder for C or H, Drag Harrow, Mulcher, 2 Bush Hogs, 2-Point, 2-Bottom Plow, Corn Planter Disc, Int. 2-Point Mower, N.H. 7 ft. PTO Mower, plus more.

Boar hog for breeding. I need more machinery plus anything you would like to have sold.

MISCELLANEOUS

Fence Post, Wire Fence Horse Tungs, Harness Parts, Lumber, Hay, Cedar Barrel, Wood Ladder, Leather Holder, Pig Feeder, Butchering Kettle and Table. Chains, Bolts, Nuts.

FURNITURE, ETC.

New Dishes, Desk, Kerosene Lamps, Single Bed, Refrigerator, Washers, Dryers, plus need more. Will be a load of tools and a produce truck. Some horses and tack.

For information Call 1-717-726-3200

Auctioneers-Bill Tressler and Ron Gilligan



27th Annual Virginia Spring Feeder Calf - Yearling Sales 20,000 HEAD FEEDER CATTLE

STEERS - HEIFERS

Angus • Hereford • Black Baldies • Charolais Crosses
ONE SALE HOLSTEIN STEERS

1979 SPRING SALES IN VIRGINIA

	PLACE	DATE	TIME	NO. HEAD	SEX	MARKET TELEPHONE
A	Courtland	Wednesday March 28	7 00 p.m.	500	Steers & Heifers	804-562-2144
	Lynchburg	Thursday March 29	1 00 p.m.	1,500	Steers & Heifers	804-237-5956
	Roanoke	Thursday March 29	7 00 p.m.	1,600	Steers & Heifers	703-992-1112
	Farmville	Friday March 30	10 00 a.m.	400	Steers & Heifers	804-392-5376
Hol	Harrisonburg	Tuesday April 3	10.00 a.m.	500	STEERS	703-434-6765
C	Marshall	Thursday April 5	7 00 p.m.	1,000	Steers & Heifers	703-364-1566
	Winchester	Friday April 6	10 00 a.m.	1,500	Steers & Heifers	703-667-1023
	Abington Tri-State	Monday April 9	7 30 p.m.	600	Steers & Heifers	703-628-5111
	Narrows	Tuesday April 10	7-30 p.m.	800	Steers & Heifers	703-726-2152
H	Dublin	Wednesday April 11	7:30 p.m.	400	HEIFERS	703-674-5311
	South Boston	Thursday April 12	9.30 a.m.	850	Steers & Heifers	804-572-4218
	Lynchburg	Thursday April 12	1.00 p.m.	1,100	Steers & Heifers	804-237-5956
	Roanoke	Thursday April 12	7 00 p.m.	1,400	STEERS	703-992-1112
	Galax	Friday April 13	7-30 p.m.	300	Steers & Heifers	703-236-2971
	Harrisonburg	Tuesday April 17	10 00 a.m.	1,600	Steers & Heifers	703-434-4482
	Staunton-Rockbridge Co	Tuesday April 17	7 00 p.m.	800	Steers & Heifers	703-886-5131
	Charlottesville	Wednesday April 18	1 00 p.m.	850	Steers & Heifers	804-295-4551
	Dublin	Wednesday April 18	7 30 p.m.	800	STEERS	703-674-5311
*A	Culpeper	Thursday April 19	1 00 p.m.	1,600	Steers & Heifers	703-825-9188
C	Marshall	Thursday April 19	7 00 p.m.	1,000	Steers & Heifers	703-364-1566
	Winchester	Friday April 20	10 00 a.m.	1,500	Steers & Heifers	703-667-1023
	Wytheville	Friday April 20	7 30 p.m.	700	Steers & Heifers	703-228-3201
	Harrisonburg	Tuesday April 24	10 00 a.m.	1,200	STEERS	703-434-6765
	Front Royal	Tuesday April 24	2.30 p.m.	1,000	Steers & Heifers	703-635-5511

A Heifers Guaranteed Open

H Heifers Only

Hol Holstein Steers Only

* Culpeper cattle given Septobac on farm and booster at the market

C Marshall Heifer Calves under 500 Guaranteed Open

For Further Information Contact

REGGIE B. REYNOLDS

Exec. Sec., Va. Beef Cattle Assoc.

P.O. Box 176, Daleville, Virginia 24083

703-992-1009 — 703-992-2852

PUBLIC SALE

FARM EQUIPMENT, SHOP TOOLS, FARM TOOLS, SOME HOUSEHOLD GOODS THURSDAY, APRIL 12

Time 10:00 A.M.

Due to quitting farming will have Public Sale on the premises located 4 miles North of York, midway between Shiloh and Dover on Route 74 thence turn East 1 mile onto Hilton Road, then North at Cardinal Lane Dr. 1/10 mile in York County, Pa. the following:

TRACTORS

Case 400 new tire, power steering, Eagle hitch, Allis WD-45, Allis WC, all tractors in nice condition, rubber like new, wheel weights, JD cylinder, tractor chains.

CULTIVATING & PLANTING EQUIPMENT

Case 3-14" trip back plow, Eagle hitch, Allis 2-14" mounted plow, JD 2-12" plow on steel, Int. 2-14" plow, two sets of Allis and 1 set Massey Harris 101 cultivators, Int. transport 28-18" disc, JD 24-14" disc, nice 8 ft. single roll packer, 3 sec. spring tooth harrow, 60 tooth peg harrow, JD 490-4 row corn planter, nice Allis Chalmers 10-7 disc grain drill on rubber w/snap hitch, 11 in post hole auger, 1 barrel trail field sprayer w/new pump & hose.

HARVEST EQUIPMENT

NH 69 baler w/#50 thrower, New Idea No. 60 stalk shredder, JD hay crimper, Case model 425-2 row mounted corn picker, 2 side rakes 1 David Bradley 4 bar on rubber, David Bradley power corn sheller, Case 32 ft. grain & hay elevator w/motor, rollaway elevator w/motor, Woods cadet 72-6 ft. rotary mower w/universal hitch like new, nice Grove rubber tire wagon w/18" sides tight bottom w/bale rack, yetter rubber tire wagon w/30" sides tight bottom, two false end gates and power unit, New Idea 12-A and Oliver manure spreaders in good shape, very nice tractor mount wood saw w/30" blade as new.

HORSE DRAWN ITEMS

IHC - 5 ft. mower on rubber like new, good 1 horse wagon w/box, good 1 horse buggy running gears w/box, 1 & 2 horse trees, work gears, Western saddle, bridles, dry sink, school house pot belly stove.

MISCELLANEOUS

Nice barrel cement mixer w/½ h.p. motor, metal 4 hole hog feeder, 10 ft. x 10 ft. rain shelter, 14 ft. flat bottom wood boat, rope & tackles, post drill press, platform scales, seed cleaning fanning mill, treadle grind stone, GMC-8 ft. bed cattle rack, 8 telephone poles 14 ft. to 40 ft. long, 2 hole corn sheller, 2 elec. fence controllers, battery hot shot for loading cattle, 4-8' poultry feeders, 6" belt 14' long, burlap bags, lumber 1" boards & many 2" x 12" x 10' & 14' plank some new, elec. Deahor, calf castrate, shop tools, farm tools, screws, bolts, good used tire, elec. motors, Delco oil space heater, steelyards, copper 20 gal. elec. water heater, old iron many items not mentioned

Owner

E. H. CRAUN

3200 Cardinal Lane Dr.

Dover, Pa.

Phone: 764-3816

Clair R. Slaybaugh, Auctioneer

Phone: 677-7479

Public Sales Register

SAT MAR 31 - 1 P M Public
Auction of 15½ Acre Farmette
Property is located 2½ miles
East of Reamstown, Lancaster
Co., PA on Steffy Road Ver-
non R Martin, Auctioneer

SAT MAR 31 - Get top money
for surplus trucks and equip-
ment New Jersey's largest
and oldest auction sale will be
held 3/31/79, in Flemington.
Low rates Four state advertis-
ing coverage reaching commer-
cial, industrial and farm
buyers Equipment can be
brought in now Call for more
information Van Zandt Sales &
Service, Co Ph 201-782-2600
or 609-466-2620

SAT MAR 31 - 11 A M Public
Auction of Farm Machinery
200 P M Farm of 150 A to be
offered with 3 Harvestores &
pipeline milker Located on Pa
Rt 296, 2 miles North of
Waymart Conditions by Mr &
Mrs Joseph A Arsch M L
Bunnell Auctioneer, Spr-
ingville, PA

SAT MAR 31 - Public Sale of
Lawn & Garden Tractors and
Equipment, Farm- and In-
dustrial tractors and equip-
ment, miscellaneous Hard-
ware Sale held at 2090 Park
St, Dover, PA Sale held by
Straley Farm Supply

SAT MAR 31 10 A M Public
Auction of Tools & Building
Supplies Location - Railroad
Street, Bloomsburg - off Route
11 next to Alumax (Follow Auc-
tion Arrows) Seller - Keystone
Investors Auctioneer - John
Autotore

SAT MAR 31 - 9 A M Public
Sale of Fine Antiques at Kauff-
man's Community Center (new
building) 3 miles North of
Greencastle, Pa, 8 miles South
of Chambersburg, Franklin
Co, Pa Owner Nelson Myers
Auctioneer J Robert Myers

SAT MAR 31 - 9 30 A M Large
Western New York Used
Machinery Auction, Farm & In-
dustrial Equipment Auc-
tioneer Stanley McLenthian
Located at Lamb & Webster,
Inc, Rts No 219 & No 39,
Springville, NY 14141

SAT MAR 31 9 30 A M
Public Auction of Farm
Machinery, Tractors, Dairy
Equipment, Crops for the
Estate of the Late William F

Oberhuber, Bergstrom Rd,
Danboro, 4 mi N of
Doylestown, PA, Bucks Co
Between Danboro & Garden-
ville, PA Auctioneers - Henry
K Freed & Sons

SAT MAR 31 11 A M Public
Sale of 3 Ford Tractors, Dairy,
Heifers & Some Household
Located at Harrison Valley
(Potter Co) off Rt 49 at Mobil
Station Mr & Mrs William
Worth, owners 814-334-5635
Sale conducted by Robert M
Shaylor, Troy, Pa
717-297-3278 and Jerry Pur-
rung, 814-848-7421

SAT. MAR 31 - 4th Annual N C
Calf Sale Held at Western N C
Agricultural Pavilion, Arden,
N C For catalogs contact A
Doty Rensburg, Jefferson, MD
or Bill Hughes, Apex, N C

SAT MAR 31 - 10 A M Public
Sale 42 Head Holstein Dairy
Herd plus Farm Equipment
Selling for Robert & Ruth An-
thony of R D 1, Richmond Rd,
Forks Twp, Easton, Pa 4 miles
North of Easton, then 1 mile
East of Uhler's Hotel Watch
for sale signs Sale by Robert &
Ruth Anthony Auctioneer
Frank J Falcone

SAT MAR 31 - 9 30 A M
Public Sale of Farm Equip-
ment, Household Furnishings
Situated in Swatara Twp, Leb
Co, Pa, along Quarry Road, 4
miles North of Lebanon, 2
miles South of Jonestown Con-
ditions by Walter L Hartman,
Owner Auctioneer - Earl S
Buddenmeyer

SAT MAR 31 - 9 30 A M
Public Sale of Machinery &
Tools Located at the Sechrist
Sales Co Livestock Auction
grounds, RD 1, Stewartstown,
York Co Sale by Sechrist Auc-
tion Service

SAT MAR 31 - 9 A M Public
Sale Complete Plant Liquid-
ation, Conner Engineering Ser-
vice Located at 111 N Mar-
shall St, Lancaster, Pa Sale
for Roy E Conner Owner Auc-
tioneer John H Cooper

SAT MAR 31 - 10 A M Atglen
Fire Co Sale Located in the
Borough of Atglen, Chester
Co, Pa Just off Rt 41, 4 miles
South of Rt 30 & Gap Auc-
tioneers John Umble & Leon
Kurtz

SAT MAR 31 - 11 A M Finner-
ty's Complete Farm Machinery

Equipment - Furniture Auc-
tion Located at Gillett, 12
miles North of Troy, Pa, 12
miles South of Elmira, NY, 17
miles off Rt 14 Owners Gary
L & Janice M Finnerty D O
Rockwell & Associates, Sale
Managers

SAT MAR 31 - 10 A M Auction
Sale of Antiques & Farm Equip-
ment for Carlton Libb, Chapel
Heights Rd (Bunker Hill) Hurf-
ville Area, NJ (½ mile East off
Delsea Dr Rt 47) at Pitman,
signs posted Auctioneers
Sickler & Scott

SAT MAR 31 - 10 A M Public

Sale of Farm Implements -
Household Goods Located on
Farm 2 miles S E of Lickdale,
Lebanon Co, turn East in
Lickdale at C P Long Im-
plements then just beyond log
house turn south, drive a short
distance then east at fork First
lane to right Conditions by
Nancy M Spittler Auctioneers
Roy I & David L Ebersole

SAT MAR 31 & SUN APR 1
- Sat 8 A M, Sun 9 A M Lan-
caster Muzzle Loading Rifle
Association Antique Gun &
Coin Show. Located at the
Farm & Home Center, 1383 Ar-
cadia Rd, Lancaster

PUBLIC SALE

OF FULL LINE OF GARAGE EQUIPMENT ACCESSORIES & TOOLS

Located at 145 E. Prospect Rd. at Salunga,
PA. Formerly R. M. Brubaker Massey Ferguson
Dealer.

SATURDAY, APRIL 14
9:00 A.M.

Tractomotive payload w/bucket & forklift, M. 1160
Sun engine performance tester, Sun volt. & amp.
tester, Manley 60-ton hyd. press, Ingersoll Rand
commercial air compressor, 6-12-24 - V. batt.
charger, air tire changer, Roberts 600 amp. 2-man
welder, armature tester, valve & seat grinder, spark
plug cleaner, Reed 9" swing metal lathe, bench grinder
- one w/stand. Sm. & large floor model drill presses,
Warner truck wheel jack, Warner auto. trans. jack,
Weaver air bumper jack, hyd. jacks & stands, 10-ton
floor jack & others, air greaser, 3 chain hoists, sm.
sandblaster, brake rivet machine, air chisel, elect. tin
shears, impact wrenches, welding table & rods, pipe
tap & die sets from ¼" to 1½", pipe wrenches, "C"
clamps, vises, creepers, crow bars, hose coupler
press, hyd. porto power, drill bits, cyl. & ring com-
pressor, hyd. crane lift, platform scale, motor tables,
Annville forging block, acetylene torch & gauges, all
kinds of water & hyd. hoses, log chains, wheel pullers,
nut, bolts, parts, bins, all kinds of sm. tools. Light
cords, oil pumps, 55-gal. drums, stat inspection
equipment, mag wheels, alum. ladders, and many
other items too numerous to mention.

Cash or good checks. No out of state checks. Order of
sale: Sm. Tools, Equipment sold at 2:30 P.M. Don't
miss this sale.

Sale by:
FARMERS MACHINE REPAIR, INC.
Aucts.
H. (Abe) SHAFFNER, 653-5689
H. (Chuck) WANGER, 898-0348
FOOD STAND

PUBLIC SALE

123 ACRE DAIRY FARM

WEDNESDAY, APRIL 11, 1979

1:00 P.M.

Located Midway between Myerstown and
Lebanon on King St. 501 South of Myerstown
turn West, 1st road South of railroad under-
pass.

123 Acre Dairy Farm in the Heart of Lebanon Coun-
ty. Approx. 110 acres of tillable limestone soil in high
state of cultivation.

Buildings are Centrally located. Improvement
thereon consists of 2 houses, large dairy barn, 130 milk
cow capacity, free stalls. Large heifer barn, 50 free
stalls, large implement shed with insulated shop.

3 silos - (1) 24x70 Concrete stave, (2) Harvestores
20x60 and 17x45 complete automated feeding, weigher-
mixer built in for complete ration. Herringbone milking
parlor, Bou-matic milking system, (2) 800 gal. milk
tanks (Milk keeper), (2) 2500 bu. grain bins, used 1 yr.,
13,500 bu. grain dryer bin, used 1 yr.
1979 Fall Crop negotiable.

Homes consist of 2 and a half story Colonial farm
house, stone, 4 bedrooms, Modern kitchen, living, din-
ing rooms, full bath. Ranch home consists of 3
bedrooms, kitchen, living, dining rooms, full base-
ment, attached 2 car garage. 3 bedroom mobile home -
12 x 50 w/additional rooms built on. All in A-1 condition.
Railroad runs thru North side of property, approx.
5,000 ft. road frontage.

Hey, Farmers, Builders, Investors!
This is a dandy. 10% down sale day, full possession
Nov. 1st.

Terms By
MYRON & EDNA KING

Attorney
James Koller
717-272-6646
Auctioneer

Steve Petersheim
215-869-2508

Inspection of Farm Fri. Mar. 16 or for appointments
Call 717-272-0685 ask for Myron

BONNIE BRAE AUCTION

Located on Rt. 724, Spring City, Pa. 8 miles
West of Valley Forge, Chester Co.

EVERY FRIDAY EVENING
At 5:30 P.M.

Selling household furniture, antiques, tools, and equipment.
Receiving merchandise daily 8:00 a.m. to 4:00 p.m.
We sell on Commission.

Richard J. Moyer, Auctioneer
(215) 948-8050

PUBLIC SALE

VALUABLE BEEF CATTLE, HOGS, TRACTORS, FARM MACHINERY, ETC.

SAT., APRIL 7, 1979

Sale Starts 9:30 A.M. Sharp

R.D. #1, York Springs, Pa. approx. 2 miles N.
of York Springs along Rt. #15 to Worley's Fruit
Stand turn R. onto Latimore Valley Rd. approx.
1 mile to sale or from Dillsburg approx. 6 miles
S. on Rt. #15 to Worley's turn L. to sale. Signs
posted.

48—STEERS AND BEEF CATTLE

6-Short-Horn & Simmental steers approx. 500 lbs. to
1000 lbs., 10-Short-Horn & Simmental heifers all open,
approx. 500 lbs. to 700 lbs., 2-Simmental bulls (1-
W/papers 2 years old & 1-7 months old), 30 Short-Horn
heifers & cows, approx. half will have calves by sale
day, pasture bred, approx. 700 lbs. to 1200 lbs. All cattle
came from high quality stock & are in excellent health.
Cattle can go anywhere in Penna. Note: Cattle & steers
will be offered at Public Sale if not sold prior to sale
day.

27—HOGS AND PIGS

Berkshire registered boar hog 4 years old approx. 700
lbs., 7-crossbred sows most will have pigs by sale day,
very good stock, excellent health; 2-crossbred sows
open can be bred by sale time, very good stock, ex-
cellent health; 16-crossbred pigs, very good stock,
excellent health; 1-feeder pig approx. 50 lb., very good
stock, excellent health.

TRACTORS—FARM MACHINERY WAGON ITEMS, ETC.

IH #674 gas tractor, 3 pt. hitch, live PTO & 2-phase
clutch, fine condition; MF #85 gas tractor, 3 pt. hitch,
live PTO & 2-phase clutch, A-1 condition; IH #414 diesel
tractor w/Kelly loader, 3 pt. hitch, live PTO & 2-phase
clutch, A-1 condition; NOTE: All tractors have new
batteries & good rubber. IH #510 grain drill (15 double
disk) same as new; IH #990 haybine, 2 knives good
condition; IH #8 flail chopper excellent shape; NH #268
hayliner & thrower fine shape; NH #256 hay rake 4-bar
fine shape; NH 7 ft. mower 3 pt., 2-knives good con-
dition; NH #512 manure spreader, PTO, good con-
dition; 2-NH farm wagons w/hay racks excellent
shape; Ford farm wagon w/hay racks, excellent; NH
farm wagon w/low sides, excellent; Ford 3-bottom
plow, trip back, tractor mounted, 3 pt. ok; IH 2-bottom
plow, trip back, 3 pt. ok; Welsh field sprayer w/300 gal.
fiber glass tank, like new; IH disk (28 disk) ok;
Durham cultipacker, 8 ft., good shape; Ford #909 brush
hog, 3 pt., A-1; Ford rear mount cultivators & shields, 3
pt. fine shape; Ford post hole digger, 12" 3 pt. ex-
cellent; Ford subsoiler, 3 pt. ok; chisel plow, 5-tines, 3
pt. ok; Smoker special 28' elevator w/ear corn chute,
½ H.P. motor, A-1; grain auger 4" w/¾ H.P. motor, A-1;
Grove rearend grader blade, 7 ft., 3 pt. ok; Spring
harrow, good shape; fence stretcher for tractor, 3 pt.
ok; carry-all, 3 pt. good shape; NH manure spreader
for parts; Lily fertilizer spreader, pull type, good
shape; 4-hole hog feeder; wooden loading chute made
out of oak on skids, fine shape; fence wire; gates
assorted sizes (wood & metal); steel fence posts; elec.
fencers; elec. fogger; CD-50 Ritchie water fountain,
new; 7-telephone poles 28' long; tires; wooden feed
troughs for beef cattle; grass seed; 5-bales twine;
pressure water sprayer, portable gasoline engine, ok;
grease guns; forks; shovels; log chain; scythe; tat-
tooning equipment; mineral feeder; 2 pcs. road tile;
used galvanized roofing; 2-portable fry hayracks as-is;
buckets; manila tie-out ropes; leather halters &
leather neck straps; NH riding lawn mower S-8, 42"
rotary, good condition; desk & chair; metal wardrobe;
plus wagon load of small items & tools found around
barn & shop. Please Note: Most all items in this sale
are in fine shape. Needing any equipment or stock,
don't miss this sale.

Order of sale: Wagon items, farm machinery, hogs &
cattle.

Terms of Sale: Cash or Approved checks (Must be
approved by Owner, Clerks or Auctioneer).

Refreshments by Mt. Olivet United Church of Christ
Ladies Guild.

Not responsible for accidents.

Owner:

ESTHER S. HELLER
Phone 717-528-4488

George Haar, Auctioneer
Phone Dillsburg 432-3815
Flohr & Stoner, Clerks

"The Monarch Of Them All" PIRRUNG'S ONCE A YEAR AUCTION OF FARMER OWNED EQUIPMENT SATURDAY, APRIL 7

9:30 A.M. Sharp!

COHOCTON, NEW YORK

Sale to be held at the Terry Wilkins Farm
located on rte. 371 midway between Cohocton
and North Cohocton, N.Y. (use rtes. I-390 or
415 to Cohocton or rtes. 21-245 to N. Cohoc-
ton).

Selling a large line of all kinds of farm equipment
and related implements to suit every kind of buyer.
This year we expect about 400 pieces to be consigned by
local farmers, estates and financial institutions.
Virtually every aspect of agricultural farming areas
will be covered with a good selection of tractors, tillage
and harvesting equipment, planters, combines,
everything!

You will find quality equipment here that you will
never see on a dealership auction, and it's here to sell
anytime Mon., Apr. 2nd through Fri., Apr. 6. No small
items what-so-ever! Sale starts on time and will last all
day. Lunch available.

Come to this big established auction as a buyer or
seller

Loading dock. Ample parking. Usual terms of cash
or check sale day.

PIRRUNG AUCTIONEERS, INC.

Wayland N.Y.

716-728-2520.

James or Victor Pirrung or Gerald Pirrung.

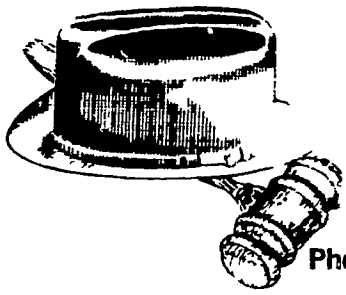
Ulysses, Pa.

814-848-7401.

Public Sales Register

SAT MAR 31 - 10:00 A.M.
Monroe Tractor's 5th Annual
Gigantic Machinery Auction
Located at the Intersection of

Rts 247 and 5 and 20, 3 miles
east of Canandaigua, NY adja-
cent to the Finger lakes
Livestock Market Sale manag-



HAT & GAVEL AUCTION CO.

Phone (717) 626-0254

Rte. 501 One Mile North of Lititz, Pennsylvania.

PUBLIC AUCTION

to be held at our Auction Gallery

**THURSDAY EVENING,
APRIL 5, 1979**

5:30 P.M.

**FURNITURE,
TOOLS & COLLECTIBLES**

New single bed, knee hole desk, beautiful Reading coal stove, oak chest of drawers, oak sideboard, Curly Burl sideboard, large oak wardrobe, unusual carved clothes tree, livingroom suits, bed, dressers, miniature china closet, Fiesta, lots of hand tools, some watchmaker tools, English china, double, single & queen size bed spreads, coffee & end tables, breakfast set, plus lots more.

For More Information Write or Phone:

Wilbur Hosler, Auctioneer (717) 626-0254

Harold K. Galebach, Partner

RD 2, Newport Rd., Lititz, Pa. 17543.

Receiving Hours: Monday, Noon to 9 P.M.

Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day.

Positively No More Garage Sale Leftovers
Will Be Received.

DISPERSAL SALE FRIDAY, APRIL 6

10:00 A.M. Sharp!

Selling at Art Kling's Sale barn, located 2½ miles N.E. of Landisburg, Perry Co., 12 miles N. of Carlisle on Rt. 74.

100 Holsteins 100

(Selling at 12 Noon)

Featuring: 40 head top fresh cows & heifers from Canada, N.Y. & Pa.

A few bred back animals; some purebreds. "Our usual top quality animals."

60 Open Heifers. All born and raised on the farm - wormed, IBR VAcc., dehorned, clean & well-grown. 20 head ready to breed now; 20 yearlings; 20 fall calves. "33 are registered." Some of the sires represented are: Ruann Astro Miner, Rosemere Fury Ivan, Tidy Burke Transmitter, Harrisburg Gay Ideal, Fair Hill Trust Buster, Almerson Rockman Lester, Rainbow Valley Stardust, Cumva Proud Performer.

Other Machinery

Oliver 2150 diesel with cab, runs good. Case 430 with loader. IH combine, self-propelled, 10' cut. Gehl flail chopper. Case Baler, MF grain drill.

Several good bale wagons. 3 pt. NI hay rake. 2 green chop wagons. AC round baler. Gravity bin wagon. Oliver 3 pt. 3-16" plow. MC rotary scythe, 9' like new. 2 flat bed wagons. 3-bottom 3 pt. Case plow. Pittsburgh 10' transport disc, 1 yr. old. Case 2 row mtd. planter, very good. NI 3 pt. fertilizer spreader. JD single-row picker. Fiberglass tank field sprayer. 4-panel gate hay feeder. Wire & fence posts.

Complete Machinery Dispersal of R.S. Kell

10:00 Sharp!

IH 666 gas tractor, wide front end, 200 hrs., tractor is same as new. Oliver 1750 gas tractor, new tires, excel. cond. JD 1010 diesel crawler, good cond. NH 315 baler with kicker, used 1 season, perfect. NH 469 haybine, good shape. 2 Bale King wagons, 18', 8 T running gear. JD 125 3-bottom 16" plow, 3 pt. Zimmerman 30' elevator, used 2 seasons, NH 56 rake, like new. IH Vibra Shank harrow. IH trail chisel plow. IH No. 10 drill, 13 double disc. Woods 10' offset rotary mower. Note: "Most of this machinery was from one farm and is in good condition - this is not a consignment sale" - Art Kling.

"Don't Be Late - No Small Items!"

Owners

**V. ART KLING
& R. S. KELL**

FRED NAUGLE, Pedigrees

MARK GLICK & DALE GIBBONEY, Auctioneers

ed by Finger Lakes Livestock
Market Auctioneers Parker
and Pepperman

SAT MAR 31 - 10:30 A.M.
Worth Complete Dispersal
Located 5 mi north of Harrison
Valley, Pa., 7 mi southeast of
Whitesville, NY Watch for auc-
tion arrows on Rt 49 at Har-
rison Valley Mobil station & on
Rt 248, Main St., Whitesville,
NY Owners Mr & Mrs William
Worth Managed & sold by
Jerry Pirrung & Robert M
Shaylor Sales

SAT MAR 31 10 A.M. Public
Sale of Antiques, Orchard
Equipment, Machinery & Tools
Located along Rt 66 (Watch
for sale signs) 1½ miles south
of intersection of Rt 64 at the
village of Cavetown,
Washington Co., MD Sale for
Mr and Mrs Theodore (Ted)
Hayes Auctioneer - S Braden
King

SAT MAR 31 - 11:00 A.M.
Consignment sale of Farm

ESTATE FARM MACHINERY AUCTION

**5 Tractors and Farm Machinery
SATURDAY, APRIL 14**

AT 11:00 A.M.

Rain or Shine

For the Estate of Louis Mitschele, 461
Naught Road, 1 mi. South of Rt. 46. 3½ mi.
East of Hackettstown, N.J. 4 mi. North of Long
Valley, N.J. Arrows posted off Rt. 46 and Rt. 24
at Schooleys Mtn.

11 A.M. - Small items, fence posts, woven wire rolls,
snow fence, 300 or more produce baskets 1 and ½ bu.,
harness parts, walking plow and cult., barn tools antique
cabinet, telephone poles, stanchions, lots of used
lumber, alum. ladder, plus more.

1 P.M. Tractors - JD 1020 w/3 PTH 615 hrs. W.F. like
new, JD 1010 w/3 PTH and snow cab W.F. 1134 hr. A-1,
IHC 300 utility 2 PTH torque W.F., Farmall A w/1 btm.
plow W.F., IHC Cub tractor W.F. PTO w/cultivators
like new. John Deere Equipment - 3 PTH 2 btm. 16"
plow, #42 snow plow fits 1010 tractor, PTO pulley, 24 T
hay baler, #640 hay rake, #35 hay elevator 35 ft., 9 ft.
disc, 2 row corn planter, #R ground driven manure
spreader (sharp). International Equipment - 13 hole
grain drill 2 PTH 7 ft. mower, 2 btm. trailer plow, 2
btm. 2 PTH plow 6 ft. plow disc. Other Makes - 2 wheel
trailer, flat factory hay wagon, 6 ft. land roller. At-
tention - The above equipment is in top condition, being
kept under cover at all times and being used on a small
scale farming operation! Be sure to attend this sale!
Owner & Auctioneer not responsible for accidents!

TERMS: Cash or Good Check with Indentification
Paid in Full Sale Day!

Lunch available! No inspection until 8 A.M. Sale
Day!

Owner:

ESTATE OF LOUIS MITSCHLE

Sales Manager:

Co. Fred R. Daniel Auctioneers, Inc.

Neshanic Sta., N.J. 201-369-4784

PUBLIC SALE TUESDAY, APRIL 3

Time 11:00 A.M.

**FARM EQUIPMENT, TOOLS,
FEEDS, 25 ANGUS BEEF COWS
STEERS AND HEIFERS,
300 lb. to 1100 lb.**

Location on Route 94 in the Borough of York
Springs, at Bosserman Community Food Store,
thence turn South 4½ miles onto Willow Street
Ext. Road, better known as Cranberry Road, in
Adams County, Pa. the following:

TWO NICE TRACTORS

1968-D-17 Allis, Gas 2120 Hrs., Wide Front, Power
Steering, having loader w/dirt scoop and snow blade,
Allis 3-16" trip back plow, snap hitch, Allis-D-15 1300
hrs. N.H. 69 baler, P.T.O. Ford 311-4 row corn planter
used 4 seasons, Allis forage wagon. A.C. corn harvester
w/both HD.S Walsh 225 gal fiber glass tank, trail field
sprayer, Brady hay crimper, N.H. 4 bar side rake on
rubber, Smoker 36' elevator w/2 H.P. motor, Huskee
gravity box, on grove chassis, Ford 2 row mounted corn
picker, used on Allis tractor, Allis 140 bu. spreader like
new, P.T.O. harvest handler 16' grain elevator
w/motor, two disc, Oliver 28-14" heavy duty, J.D. 28-
14" J.D. 9' single roll packer, 3 sec. spring tooth
harrow, two rubber tire wagons, J.D. and grove
w/flats, silo blower, 5x5 side winder rotary cutter, used
very little, set W.D. cult., set 12x28 tractor chains, 16
bu. ensilage cart, two hydraulic cylinders, few small
wagon items.

FEEDS

200 Bu. oats, 12 ton mix hay, 2 ton of straw.

NOTE: The equipment is in real nice condition and was
well cared for. Reason for selling has another business.

Owners,

DALE L. & MAXINE GUISE

RD 1 Asper, Pa.

Clair R. Slaybaugh, Auctioneer

C.L. Jacobs, Clerk

Lancaster Farming, Saturday, March 31, 1979-163

Equipment & Machinery
Located 20 miles North of
Easton, 10 miles West of
Strasburg, PA Old Rt 209 &
115 intersection, Sciota, PA
Dick & Dan Seidof, Auc-
tioneers

SAT MAR 31 - 9:30 A.M. An-
nual Keelersburg Spring Farm
Machinery Auction Located at
the Ed Kapolka Farm in
Keelersburg along the Sus-
quehanna River off Rt 309 9
miles South of Tunkhannock
off Rt 292 3 miles East of
Centermoreland off 292 4
miles North of Falls Wayne A
Weaver, Auctioneer & Sale
Manager

SAT MAR 31 - 11:00 A.M.
Sharp Consignment Horse
Sale to be held at Keister's
Middleburg Auction Sales, Inc.,
Route 522, 3 miles East of Mid-
dleburg, 5 mile West of Selin-
grove Owners - Don & Walt
Keister

APRIL

MON APR 2 - 1 P.M. Public
Sale of Farm Machinery
Located at Redding Auction
Service located 3 miles North
of Gettysburg on Rt 34 (Get-
tysburg to Biglerville Rd).
Owners Leo & Joyce Ann
Spenla C David Redding Auc-
tioneer

MON APR 2 - 11:30 A.M.
Bowen-Vale Complete Disper-
sal Located off Rt 6, 4 miles
from Wellsboro, 8 miles from
Mansfield, PA Watch for auc-
tion arrows off Rt 6 Sale by
Glenn Bowen and Family Sale
Managed by Wood's Auction
Service

TUES APR 3 - Real Estate,
Consisting of a 94 Acre Farm &
Farm Machinery Emmett E

Kumler Owner, Newport, Art
Kling Auctioneer

TUES APR 3 - 11 A.M. Public
Sale of Farm Equipment, Tools,
Feeds, 25 Angus Beef Cows,
Steers and heifers, 300 lb to
1100 lb Location on Route 94
in the Borough of York Springs,
at Bosserman Community Food
Store, thence turn South 4½
miles onto Willow Street Ext
Road, better known as
Cranberry Road, Adams Coun-
ty, PA Dale L & Maxine Guise,
Owners Clair R Slaybaugh,
Auctioneer

TUES APR 3 - 12:30 P.M.
Public Auction of Farm Equip-
ment, Truck & Antiques
Located 8 miles west of Allen-
town, just off Rt 222, on the
south side of the village of
Breinigsville, along Brookdale
Rd, toward Lehigh Church,
Lehigh Co., PA Sale for
Clarence Boyd. Ralph W Zet-
tlemoyer Auction Co

TUES EVE APR 3 - 7:00
Sharp Special Feeder Sales for
your Cattle & Pigs To be held
at Carlisle Livestock Market,
Inc., P O Box 108,
Hagerstown, MD

TUES APR 3 - 6 P.M.
Farmersville Auction. In
Farmersville, 3 mi. East of
Brownstown, Lancaster Coun-
ty, PA John J Rutt, Auc-
tioneer

TUES APR 3 - 11 A.M.
Lambertcrest Milking Herd,
Bred Heifer & Open Heifer
Dispersal. Location - 2 miles
Southeast of Ulysses, Pa., 14
miles Northwest of Galeton,
Pa., 20 miles East of
Coudersport, Pa., Potter Co
Sale for Kenneth & Jean
Lambert, Owners D O
Rockwell & Associates, Sale
Managers

PUBLIC SALE

**WHITE FREIGHTLINER TRUCK,
10 TRACTORS, FARM & PRODUCE
EQUIPMENT, ETC.**

Located 12 miles N. of Bloomsburg, 6 miles E. of
Millville, Auction Arrows off Millville Rohrsburg
Rt. 254 Highway.

SATURDAY, APRIL 14

Starting 10:00 A.M.

1971 White Freightliner Cabover Tractor Truck
w/Large Sleeper, 318 Det., 13 Speed Road Ranger, 4.44
Rears, 196" Wheel Base, A.C., 22" Budd Wheels, only
10,000 miles on Major Overhaul, Nice; 40' Tandem &
36' Single Axle Trailers; 1973 I.H. 1600 Ser. Truck w/16'
Van Box, needs Motor; 1968 Ford F250 Pickup Truck;
1968 C-30 Dual Wheeled 10' Flatbed Truck w/Meyers 8'
Angle Blade; 2 FWD 10' Dump Trucks; Trucks for
parts; 51 Mack, Dodge 1 Ton; I.H. 14' Flatbed;
SEMCO T4/50 3 P.H. VEGETABLE & PRODUCE
FIELD HARVESTING & LOADING CONVEYOR, all
Hyd., Nice; Tractors: 2 D.B. 1200D's 1 w/Cab, Turbo, &
Duals; J.D. 530 G R.C w/3 P.H.; M.F. 65 G Hi-
Clearance w/ W/F/E & 3 P.H.; M.F. 65 G Utility
w/Front End Loader; J.D. 60 G w/Power Steering, &
W/F/E; Ford Super Major w/Loader; Oliver 77
W/F/E; 1941 Farmall AV Hi-Clearance W/F/E Trac-
tor w/Starter & Belt Pulley; N.H. 975 G SP 13' Combine
w/Cab; A.C. Super 66 PTO Combine; Case & M.M. 5-
16" Semi-Mtd. Plows; Oliver 3 Pt. 3 16" Plows; Pitt-
sburgh 16' Fold-up Harrow w/Transport Wheels; M.M.
19' Transport Wing Disc; 12' Cultipacker; Lely 12' 3 pt.
Roterra; Oliver 13-7 Disc Drill; 2 J.D. 290 Planters;
N.H. 818 2 Row Harvester; J.D. 12' transport & 10' 3 pt.
discs; 13' transport cultmulcher; Gehl Hi-Throw
Blower; 2 Silo Fillers; 2 Knights 17'7" SU Forage
Wagons w/N.H. 15 Chassis; 14' Green Feed Wagons;
Flatbed Wagons; N.H. Crimper; N.I. Rotobar Rake;
36' All-Purpose Elevator; 16' Grain Elevator; Holland
2 Row 3 pt. Transplanter; Hanson 3 pt. 100 gal. F. G.
Tank Air Blast PTO Sprayer, like new; 10 Row Trailer
Sprayer; M.F. 205 Spreader; N.I. 17 Spreader; 750 gal.
per minute Irrigation Pump w/6 cyl. Chrysler Engine;
Marlow 350 gal. per minute PTO Pump; Quantity of 4"
Irrigation Pipe 20 & 40' lengths; 1½" Water Pump;
Parts of Apple & Peach Grading Equipment; 5000 gal.
Steel Tank for Scrap; 2000 5/8 Bu. Plastic Tomato
Baskets; M.F. 7 h.p. 36" Riding Mower; Meyers 6½'
Angle Blade; Loads More.

Owner:

**JAMES B. VAN HOUTEN
& a few neighbors**

Auct. Max Fraley & Son
546-6631
(717)-683-5560

Lunch

Public Sales Register

WED APR. 4 - Spring Lamb & Goat Sale at the Belleville Livestock Market, Belleville, Pa

WED APR. 4 - 10:30 A.M. Covedale Farm Dispersal of 93 Registered Holsteins, Outstanding Production. Eugene D. King, Owner. New Enterprise, PA Bedford Co. King & Horst, Auctioneers Fred Naugle, Manager.

WED. APR. 4 - 3 P.M. Easter Lamb & Goat Sale at Belleville Livestock Market, Belleville, Pa

WED APR. 4 - 10 A.M. Short Notice Public Auction of Farm Machinery, Grain Drying Equipment, 1975 Grain Truck. Located on Creek Rd Turn off Rt 519 between Springtown & Warren Glen, NJ and proceed approx 1 1/2 mile down Creek Rd Springtown is approx. 5 mile South of Phillipsburg, NJ. Auction arrows posted Sale for Mr & Mrs Norman Harting Arthur Hanna, Auctioneer

THURS APR 5 - 11 A.M. Lamb & Goat Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

THURS APR 5 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales

Manager, Robert Mullenbore, Auctioneer

THURS. APR 5 - 12:30 P.M. Public Sale of Valuable Real Estate & Farm Machinery Located in Spring Grove, Penna. along Roth's Church Road next to Spring Grove School in Jackson Twp Louella M. Dardorff, Executrix for the Est of John A Roth Jacob A Gilbert, Auctioneer

THURS APR 5 - 9:30 A.M. Public Sale Horsedrawn Machinery, Tractors, Machinery, Antiques, etc Located 5 miles South of Gettysburg on Rt 97 (formerly #140) in Adams Co, Pa Owner Gideon Stoltzfus Clair R Slaybaugh, Auctioneer

THURS APR 5 - 1 P.M. Public Sale of Farm Machinery Take Hellam Exit off Rt. 30, go North on Kreutz Creek Rd approx 8 miles Watch for signs Approx 2 miles East of Kondor Saw Mill Owner Mary S Keesey Auctioneer Preston Chronister

THURS. APR 5 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co, located one mile North of Lititz along Rt 501 Auctioneer Wilbur H Hosler

THURS APR 5 - 10:30 A.M. Public Sale Pechline Farms Surplus Machinery Located in Mifflin Co, 5 miles East of Milroy, Pa, at the New Lancaster Valley Rd intersection Sale by Grant Pecht & Sons Mark Glick Auctioneer

KINGSTEAD FARM SALE

At the farm located at 11411 Kingstead Road, Damascus, Md., two miles Southwest of Damascus and 20 miles Southeast of Frederick, Md.

FRIDAY, APRIL 6

11:00 A.M.

**56 REGISTERED HOLSTEINS SELL
52 Cows and Bred Heifers and 4 Bulls
Featuring both Type and Production!**

2 EX and 14 VG Cows selling
13 sell with records from 20,000M to 29,080M
Many sell with records from 800F to 1092F
Daughters selling from dams with records to 1404F.
21 head sell from EX or VG dams.

TWELVE ELEVATION DAUGHTERS SELLING including: Kingstead RORAE Maisie VG with EX Mammary and bred to Kingpin. She has 3-1 365 17,530 865.

Cary Bros. Round Oak Fobes GP 83 - Her dam EX with 884F. She's bred to Kingpin and has 3-10 365 22,530M 1002F.

Kingstead RORAE Cookie GP 83 - Her dam EX 92 with 976F, gr dam VG 89 with 936F. She has 3-1 365-24,290 889F.

CREAM VALLEY ELEVATION BONSIO - She's EX 91 with an EX Mammary and has 4-8 365 19,210M and 869F.

ALSO:

A No-Na-Me Fond Matt dtr with 1092F bred to Elevation

A Kingstead Hi Hope dtr with 1035F bred to Quality Ultimate

An EX Elbank Admiral Ormsby Pride dtr with 548 as a 3 yr. old due in July to Jerry.

Many others that will please!

Semen Selling:

Pawnee Farm Arlinda Chief	5
Whirlhill Kingpin	3
Paclamar Astronaut	5
Citation R Maple	15
Seiling Rockman	5
Sunnyside Standout	15
Ideal Fury Reflector	4
Skagvale Startrek	24
Puget Sound Highmark	87
Osbornale Admiral Lucifer	18
Zeldenrust Royal Pontiac	10
Glenafon Rag Apple Hagen	29
Round Oak Apollo Virginian	14

Remsburg Sale Service Jefferson, MD 21755
Kingstead Farms Damascus, MD 20750
Phone: 301-473-8214 Phone: 301-253-4032
Sale Managers

THURS APR 5 - 7:30 P.M. Special Night Sale Mel Kolb, Inc At the Black & White Farm, Lancaster, Pa West of Lanc on Dairy Lane Take Rt 283 West of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge Barn within sight of Rt 283 Robert Mullenbore, Auctioneer Dennis L Kolb, Sales Manager

FRI APR 6 - 11 A.M. Special Draft Horse & Mule Sale at New Holland Sales Stables, New Holland, Pa

FRI APR 6 - Complete line of Farm Machinery & Dairy Herd Dispersal, including 50 Head of Open Heifers R S. Kell & Art Kling, Owners, Landisburg, Pa

FRI APR. 6 - 2:00 P.M. Spring Lamb and Goat Sale. To be held at the Carlisle Livestock Market, just east of I-81 at Exit 12, P.O. Box 108, Hagerstown, MD 21740

FRI APR 6 - 10 A.M. Public Sale of Hay, Straw & Corn Located at New Holland Sales Stables, New Holland, Pa All proceeds go for World Relief & are channeled through the

Mennonite Central Committee, Akron, Pa

FRI APR 6 - 11:00 A.M. Fern Springs Holstein Dispersal. At the farm located 2 1/2 miles south of Ruffs Dale (on Rt 31) From the east, exit Turnpike at Donegal, go west on Rt 31 to Ruffs Dale and 500 ft. west turn left on Legislative Rd. 64119 and follow south 2 miles to farm From west, exit Turnpike at New Stanton, go west on I-70 to Hunkers Exit, then south to Ruffs Dale Fern Springs Holsteins - Mr. & Mrs. Wm Buttermore Owners R Austin Backus, Inc Sale Manager and Auctioneer.

FRI APR. 6 - 11 A.M. Kingstead Farm Sale Located at 11411 Kingstead Rd, Damascus, MD, 2 miles Southwest of Damascus & 20 miles Southeast of Frederick, MD. Sale by Kingstead Farms Sale Managers Remsburg Sale Service

FRI & SAT APR 6 & 7 - 12:30 P.M. & 9 A.M. Public Sale Antiques, Guns, Miscellaneous Antiques, Household Goods, Farm Machinery, Tools & Real Estate Located in the village of Hartleton, 14 miles West of

3000 HEAD - TWO WINCHESTER FEEDER CATTLE SALES

FARMERS LIVESTOCK EXCHANGE, INC.
WINCHESTER, VIRGINIA

State Sponsored - Graded
Uniform Lots - All Beef Brands

**1st SPRING FEEDER CALF & YEARLING SALE
FRIDAY, APRIL 6, 1979 - 10 A.M.**

**2nd SPRING FEEDER CALF & YEARLING SALE
FRIDAY, APRIL 20, 1979 - 10 A.M.**

Virginia State approved for Bangs and T.B.
Feeder calves vaccinated for BLACKLEG - MALIGNANT EDEMA.

All cattle eligible for interstate shipment.

P. T. MCINTIRE, SALE MANAGER

Write or phone 703-662 2946 office 703-837-1254 home

NORTHERN VIRGINIA LIVESTOCK, INC.

Box 440 Winchester, Va. 22601

AUCTION SALE

**OF FARM EQUIPMENT
& IRRIGATION SYSTEM**

SAT., APRIL 7, 1979

Starting at 10:00 A.M.

For Albert "Bill" Robinson, Pittsgrove-Rainbow Lake Area, Delsea Drive (Rt. 47) To Garden Road South-West to Allivine & 6 Points Roads Corner. Signs will be Posted. Pittsgrove, N.J.

3 - 18' wagons and 2 - 12' wagons full of shop items to be sold first. (Many antique), Farmall A w/cultivators, Farmall M w/cultivators, Farmall M (new engine), Ford 9N tractor, Oliver 770 diesel, MF Model 72 - (no cab - nice), 1953 GMC truck, 1953 GMC truck w/body, 1968 GMC w/van 14' produce body, 1970 3/4 ton Chec. pickup, 18' cattle trailer, John Bean 250 gallon sprayer (14' boom), Iron Age 600 gallon sprayer, fuel oil tanks, 2 Fairbanks scales, 4 row duster w/engine, NH single row chopper, Int. A 4 row cultivator, set of 8 x 24 tires & rims to fit Super A, many other 4 row attachments, set side dressers, Int. loader, vegetable washer, 4 row Iron Age planter, cultivator for J. Deere M, Oliver & J. Deere side dressers, (some new), MH mowing machine (tractor mount), Int. A 4' grass cutter (center mount), 2 - Oliver 3 bottom plows (hydraulic), 10' Oliver cut harrow (on wheels), Int. 8' cut harrow (drag), 17 Disc Int. grain drill (good), Oliver 10 fert. drill, 4 row Int. bean planter, 4 row Planet Junior seeder (w/2 extra planters), 4 row onion planter, New Idea 180 manure spreader (good), 6' sowrite drill (nice), drill press, 1/2 HP 30 gal. air compressor, 1/2 HP 15 gal. air compressor (new), LABOR CAMP EQUIPMENT: water pump, apt. gas range, bath room set, 2 elec. water heaters (30 & 60 gal.-good), 2 gas water heaters, refrigerator, space heaters. IRRIGATION SYSTEM: Chrysler 6 cyl. w/750 Marlow pump, aluminum pipe as follows - Shure-Rain Mfg. 25 pcs. 3"x40', 60 pcs. 4"x40' and 25 pcs. 5"x40', also Four 225 gallon guns, many related fittings, etc., 1,000 gallon water tank, 2 pipe trailers, many items too numerous to mention.

Sale Terms: Cash Only, except known to Auctioneers.

Auctioneers:

Sickler & Scott

Phones: 609-629-5855 or 6446.

(Nice Food Stand)

(Coming from Penna., Del., or Md. Use Rt. 40 East or Rt. 322 to Junction w/Rt. 77 East, Sale location about 8 Miles West of Vineland, Pittsgrove, N.J. (Signs Posted).

Lewisburg, along Rt. 45, Union Co Estate of John D. Wilson, Chester Byers, Executor, Katherine Byers, Owner Wayne Hess Auctioneer.

FRI APR 6 - 5:30 P.M. Gap Auction, located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge. Ira Stoltzfus & Son, Auctioneers

PUBLIC SALE

OF WAKEFIELD LIONS CLUB

Estate of Antiques, Household & Collectables, also Farm Machinery, Cars, Tools, etc.

At Powls Feed Service, along Rte. 272, 1/2 mile north of Wakefield, 16 mile south of Lancaster.

SAT., APRIL 7, 1979

10:00 A.M.

Oak bedroom suite, 3/4 oak bed, oak dining room table, plank bottom chairs, dresser, chest of drawers, blanket chest, flour chest, brass bed, 4 upholstered matching chairs, odd chairs, wicker couch, 2 rocking chairs one w/rush seat, 2 - 9x12 rugs one Olson, end tables, settee, old sewing machine, old cupboard, 2 pc. living room suite (good), buffet, vanity, knee hole desk, old throw rugs, celluloid dresser set, depression ware, iron stone dishes, tinware, agate, sad irons, kettles, dishes, sheets, towels, Rogers silverware service for 12, flat ware, picture frames, old eye glasses, G.E. refrigerator auto. defrost, Caloric gas stove, lawn chairs metal & wood, Atwater Kent radio.

All above items from one estate.

1 - 8x12 BLACK BEAR STRUCTURE

2 - 10x10 metal buildings (new), fire place grate (new), 2 Evinrude boat motors 1 - 4 HP, 1 - 6 HP (new), 3 HP shredder & lawn dump cart (new), antique rocking chair, cane seated chairs, sofa bed, bucket-a-day & pot belly stove, scales & weights, washer & dryer, York air conditioner, safe, roto-tiller, lawn mowers, snow blower, shop vacuum cleaner, chain saws, bicycles, fire place mantels, Latex paints, forge, Masonite siding (12 in.), window sash & storm doors, overhead garage door, Echo weed eater.

HAY AND STRAW

1969 Ford pickup, 360V8, good condition. 1969 Ford Econoline Van, good condition plus others.

FARM EQUIPMENT

28 Int. transport disc, John Deere 16 disc drill, flat wagon, 12 ft. Eazy-Flo lime spreader, 25 treated fence posts, saddle & bridle, various types of tools, some livestock, many articles not mentioned.

Terms by:

WAKEFIELD LIONS CLUB

Lunch by Robert Fulton Fire Auxiliary.

Kreider & Diller - Auctioneers

PUBLIC SALE

VALUABLE COUNTRY HOME

With Acreage Along Trout Stream
Of the Susanne F. Grove, Estate
of Muddy Creek Forks, York Co., Pa.

SATURDAY, APRIL 7

At 10:30 A.M.

Located approx. 4 miles South of the Brogue, turning off Rt. 74 at the post office or about 5 miles Northwest of Fawn Grove, Pa. Watch for signs posted.



Approx. 4 acres of which 3 acres are clear level farm or pasture land & 1 acre of woods. This property is improved with a very nice 2 1/2 story 9 room w/bath frame house w/excellent slate roof, having 4 bedrooms, gas hot water heater; oil space heater w/275 gal. tank, woodshed & a good one car garage. This is a very fine, well built home in a quiet, peaceful location among nature's wildlife & a bustling stocked trout stream in Southern York Co. For inspection by appt. only please call 717-382-4379 or 382-4880 evenings. Open house on Sun. March 24 & April 1 from 1:00 to 4:00 p.m.

Terms: 10% down day of sale
w/balance in 30 days.

SECHRIST AUCTION SERVICE

Sale Manager

Robert L. Sechrist, Auctioneer

J.H. Anderson, Clerk

Not responsible for accidents

Public Sales Register

FRI APR 6 - 9 30 A M Public Auction of Farm Machinery & Related Items, Straw, Hay, Oats, Barley & Wheat & Antiques Located 3 miles North of Selinsgrove or 1/2 mile South of Kratzerville along Rt. 204, Snyder Co Owner Mrs George Bressler Earl Eash Auctioneer

FRI APR 6 - 10 A M Spring Feeder Calf and Yearling Sale Held at the Farmers Livestock Exchange, Inc., Winchester, VA Northern VA Livestock, Inc

FRI APR 6 - 7 P M PA State Angus Sale at Greerie Co Fairgrounds, Waynesburg, Pa Located in Southwest corner of Pa on Interstate 79 Rentz Auction Co, Inc Angus Sales Management Auctioneer Jim Rentz

FRI APR 6 - 10 00 A M Public Sale of Farm Equipment, Trucks & Household Goods Located - turn off old Rt 22 at West Hamburg onto Berne Road toward Center Port for 3 1/2 miles in Center Twp, Berks co, PA Sale for Robert and Naomi Hilberg Ralph W Zettlemoyer Auction Company

FRI APR 6 - 11 A M Sharp Wil-Power Holstein, Machinery & Produce Dispersal Location - 10 miles Northeast of Troy, Pa, 6 miles West of East Smithfield, PA 16 miles Southeast of Elmira, NY Sale for Rockwell S & Sandra B Wilson, Owners D O Rockwell & Associates, Sale Managers

SAT APR 7 - 1 P M Special Feeder Cattle, Feeder Pig and Stock Ewe Sale to be held at the G & M Livestock Market, Duncansville, PA To consign call Sherman Glick, Lewistown (717) 248 0960 or Fred Mc Cartney, Dry Run (717) 349-2393

SAT APR 7 - 9 A M Public Sale of Farm & Construction Equipment for Dennis Gilbert, RD1, Duncannon Auctioneer Rick Foreman

SAT APR 7 - 10 A M Public Sale of Household Items & Antiques Located 3 miles East of Mifflintown, Juniata County Sale sign along Old Route 22 at Jct 75 & 22 near Port Royal Interchange Samuel L & Belua G Brubaker, Owners Long Bros, Auctioneers

SAT APR 7 - 10 30 A M Public Sale of Valuable Coun-

try Home Located approx 4 miles South of the Brogue turning off Rt 74 at the post office or about 5 miles Northwest of Fawn Grove, Pa Estate of Susanne F Grove of Muddy Creek Forks, York Co, Pa Robert L Sechrist Auctioneer

SAT APR 7 - 10 30 A M Public Auction 20 Acre Mahantongo Valley Farm Located along the Klingerstown to Pitman Rd in the village of Hepler, Schuylkill Co, Pa, 6 miles East of Klingerstown, 6 miles Northwest of Hegins, 2 miles West off Rt 125 (turn West to Tavern) Estate of Charles H Schultz George N Deibert Auctioneer

SAT APR 7 1 30 P M Bred Gilt Sale Located 8 miles North of Myerstown on Rt 501 & 1 mile South of U S 22 on Rt 501 at Bethel, Pa Turn West at Bethel School to second farm on left Conditions by Henry H Martin 717-933-4279 Auctioneer Alvin Horning

SAT APR 7 - 2 P M Public Auction of 245 Acre Woodland Located in Pine Grove Twp, Schuylkill Co Adjoins PA State Gamelands Terms by Clarence Bowman David Risser, Auctioneer & Bob Smith, Assistant Auctioneer 717-866 5959

SAT APR 7 - 10 A M Show, 1 P M Sale New York Hereford Association 35th Spring Sale

Cornell University, Livestock Pavilion Ithaca NY Catalogs Ted Kriese, 3805 Rt 31, Liver pool, NY 13088 or Phone 315 652-5664

SAT APR 7 - 9 30 A M Spring Consignment Sale at the farm of Bill Tressler, RD 3, Mill Hall, PA, between Mill Hall and Lamar, PA on Rt 64 Auctioneer Bill Tressler and Ron Gilligan

SAT APR 7 - 1 P M Public Sale of 135 Acre Farm Located 3 miles East of Aaronburg, Centre County Earl W Weaver, Auctioneer 1-814-349-5290

SAT APR 7 - 11 30 A M Public Auction of Valuable 51 Acre Farm, 2 Acre Lot and Farm Equipment Located 12 miles West of Allentown, 2 miles Northwest of Fogelsville, 1/2 mile East of the village of Seipstown along Packhouse Road, Weisenberg Twp Lehigh Co, PA Sale for Mary Barner Ralph W Zettlemoyer Auction Co

SAT APR 7 - 10 A M Public Sale of Farm Equipment, Garden Rototiller, Two Gasoline Engines, Some Household Goods Located in Adams County, Pa 2 miles North of York Springs, on new Route 15 then turn West at Worleys Fruit Market and bear North 2 miles at Lection House, thence East Bushey School Road, second farm Sale for Earl D Bricker Clair R Slaybaugh, Auctioneer

Lancaster Farming, Saturday, March 31, 1979-165

SAT APR 7 - 10 30 A M Public Sale of Valuable Farm Machinery and Personal Property To be held at RD 12 Hellam Branch approx 1 1/2 miles West of East Prospect along East Prospect-York Road at Debroy Sale for Willis B Keller Jacob A Gilbert, Auctioneer

SAT APR 7 - 10 A M Public Auction of Trucks, Tractors, Trailers, Farm Tractors and Machinery located in Lycoming County Central Pa just 4 miles West of Williamsport, Pa at Newberry along Old Rt 220, 1/2 mile off 220-By-Pass near Jct of 220, and Rt 15, 15 minutes cab ride from Williamsport Airport Serviced by Allegheny Airline Sale by W A Emrick Trucking Inc, Lycoming Truck and Equipment Co E M Murry, Associates Auctioneers

SAT APR 7 - 9 30 A M Public Sale Valuable Beef Cattle, Hogs, Tractors, Farm Machinery Etc Located R D 1, York Springs, Pa approx 2 miles N of York Springs along Rt 15 to Worley's Fruit Stand turn R onto Latimore Valley Rd approx 1 mile to sale or from Dillsburg approx 6 miles S on Rt 15 to Worley's turn L to sale Signs posted Owner Esther S Heller Auctioneer George Haar

SAT APR 7 - 11 A M Public Sale 4 Tractors, Farm Machinery, Trucks & Hay Located 2 1/2 miles North of Coatesville on Rt 82 to Rt

340, turn East on Rt 340 1/2 mile to Hurley Rd turn on Hurley Rd 2 miles to sale W e s t Brandywine Twp, Chester Co, Pa Watch for sale signs Estate of James McCormick William March, Jr Auctioneer, Elverson, Pa 286-5744

SAT APR 7 - 9 A M Public Consignment Sale Building Materials, Farm Machinery, Cars, Trucks, Etc Located at the Valley Seeding Co along Sybertsville - To Mt Grove Rd Consignments wanted by Hazelton Builders Assoc Auctioneer Max Fraley & Son 546-6631

SAT APR 7 - 10 A M Public Sale of "Batdorff-Shucker Memorials", Real Estate, Equipment, Office Furniture Situated at 101 East Main St, in the Borough of Myerstown, Leb Co, PA Conitions by Harry S Shucker, owner Auctioneer - Earl S Buffenmeyer

SAT APR 7 - 11 A M Public Auction of Real Estate and Household Goods located along Fruitville Pike between Manheim and Lancaster Sale for Walter A Landis Estate, Exec Dale Landis and Miriam Whitman, Wilbur H Hosler, Auct

SAT APR 7 - 12 30 P M Complete Machinery Dispersal Shady Lane Dairy Sales Farm #3, known as the Reath Brothers Farm Located at Kirkwood Rt 1, PA Glenn & David Fite Owners

Wil-Power

Holstein, Machinery & Produce DISPERSAL

LOCATION: 10 miles Northeast of Troy, Pa., 6 miles West of East Smithfield, Pa., 16 miles Southeast of Elmira, N.Y. (AT STRONG FARMS)

FRIDAY, APRIL 6, 1979

11 O'CLOCK SHARP

57 HEAD REGISTERED HOLSTEIN DAIRY CATTLE SELL 57

46 high scoring milking age animals consisting of 6 due to freshen before sale date, 15 fresh within last 90 days, 9 due in June, 3 due in July, balance in various stages of lactations. 1 Bred heifer by Paclamar Combination in calf to Willow from 190,000 lb. VG dam. 4 one-year old heifers: 1 by Whittier-Farms Ivanhoe Ace from a VG Seiling Rockman dam, 1 by Paclamar Astronaut from a 2E dam, 1 by Winterthur Finale, 1 by Ljuf-Lage Mose Lucky Star - Twin from a VG dam, dams records to 27,000 M, 1117 F. 3 seven months old heifers: 1 by Whittier-Farms Ivanhoe Ace from 88 pt. Collins-Crest Paclamar Seven J dtr., 3 generations of VG dams with an 88 pt. Kingpin granddam; 1 by Whittier-Farms Ivanhoe Ace from VG dam with 3 generations of VG dams over 100,000 lbs. M; 1 by a Vigo Charmcross son from Lalanlo Pietje Burke, cl. GP with a good projected 2 yr. old record. 3 three months old started heifer calves: 1 by Whittier-Farms Ivanhoe Ace, born January 2, 1979; 1 by Hillhaven Standout Job, born January 1, 1979 from a Whirlhill Kingpin dam, cl. 88 pts.; 1 by Winterthur Finale from a tall, sharp 2 yr. old. Selling: 2 EX (1 2E), 22 VG, 11 GP, 1F. Many animals from some of the best herds in the New England States. 2 Willow-Farms Rockman Ivanhoe dtrs., 1 cl. VG at 86 pts. with 24,000 M, 921 F. Another Willow dtr. sells with 22,000 M, cl. GP. A Mowry Ivanhoe Prince dtr., cl. VG. lifetime: 117,205 M, 3,855 F, due August 1979 to Barrett Ranch Ivan Rockman EX GM. A Frangin Chief Superman dtr., cl. 87 pts., due sale date to Morrill Star BB Bicken, GP (84) GM. 2 Paclamar Combination dtrs. sell: 1 due sale date to Paclamar Astronaut (EX); 1 will be just fresh to Lemax Rag Apple Haven EX GM. 7 in calf to Junell Ivanhoe Chief Charlie (EX), 6 in calf to Morrill Star BB Bicken (GP GM); balance in calf to Redwood-Ramona Moonshop (VG), Willow-Farm Rockman Ivanhoe (EX), Barrett Ranch Ivan Rockman (EX), and Rose-E-Vue Rockman Count (VG). Official RHA: February 1979 - 37 cows, Avg. 14,467 M, 3.8%, 543 F. Selections to assemble this top quality herd will be appreciated when seen.

INTERSTATE TESTED PREGNANCY CHECKED CATALOGUES

MACHINERY & EQUIPMENT

2 Tractors MF 178 diesel and Ford 7000 diesel with wide front end, new rear rubber, full weights, load monitor, dual power, in top condition; NH 718 chopper (12 knife) with 1-row corn head and hydraulic spout control, NH 479 Haybine, MF 880 semi-mounted 4-bottom automatic reset tractor plows, AC 4-row No-till corn planter with s.s. liquid fertilizer tank and regular fertilizer boxes attached, Jim Beam squeeze pump, White 252 12-ft. disc with furrow levelers and transport wheels, Ford forage wagon with extension unloader, Ford blower with 25 feet of pipe, AC forage wagon with extension unloader, 2 wagons with throw boxes with heavy duty chassis, MF #10 baler with bale ejector, Badger 2400 silo unloader with 5-horse motor, Badger clean chute, Starline 830 Rota spreader, cultipacker, Didam 3 pt. hitch Roda fertilizer spreader, 1 grain elevator, 3 pt. hitch utility blade, hydraulic cylinders, 2 wood calf boxes, feed carts, barn foggers, wheelbarrow, tractor chains, gestation tabulator, cow clippers, forks, 3 barn fans, all 30-inch, 2 with wall brackets; 4 metal gates, hay rack with chassis, 3 chests 2,5 drawers, 2 large cupboards.

PRODUCE

Approx. 25 feet of corn and sorghum silage in a 14x45 silo; approx. 20 feet choice haylage in 16x50 silo; quantity of baled hay.

TERMS: CASH OR GOOD CHECK SALE DAY

Owners,

ROCKWELL S. & SANDRA B. WILSON

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

LUNCH AVAILABLE

Lambertcrest MILKING HERD - BRED HEIFER - OPEN HEIFER DISPERSAL

LOCATION: 2 miles Southeast of Ulysses, Pa., 14 miles Northwest of Galeton, Pa., 20 miles East of Coudersport, Pa., Potter County.

TUESDAY, APRIL 3

At 11:00 A.M.

65 HEAD REGISTERED HOLSTEINS 65

55 YOUNG Milking Age Animals 55

Many fresh by sale date, balance Summer-Fall freshening. Classified Feb. 13, 1979 - 13 VG, 24 GP, 8 Good, Cl. Ave. 82.4; 3 animals with EX mammary; 4 at 87 pts., 7 at 86, 2 at 85. R.H.A. Jan. 5, 1979 - 42.2 cows, 16,671 M, 3.9 T, 645 F. 5 Registered Bred heifers due mid Summer; 5 Registered Open Heifers breeding age; 1 Registered son Round Oak Rag Apple Elevation, born April 16, 1978; Dam, Classified VG 88 pts.; 5-2, 106 d, 20,855 M, 721 F. G. Dam, Kingpin dtr., 2-1, 305 d, 17,550 M, 601 F.

Interstate Tested Pregnancy Checked Catalogues Upon Request
Samples of this choice herd listed below and many other selling of the same status.

Round Oak Rag Apple Elevation Dtrs Selling:

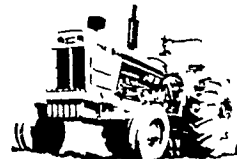
Cindy	VG (86)	2-2	305 d	18,198 M	4.1	741 F
Jane	VG (86)	3-10	354 d	23,745 M	3.5	821 F
Honey	GP (82)	3-5	325 d	22,367 M		759 F
Pete	GP (83)	3-4	333 d	20,703 M	4.0	835 Inc.
Salina	GP (83)	2-0	315 d	16,483 M	3.7	611 F
Paclamar Astronaut Dtr.:						
Nancy	VG (86)	2-7	341 d	18,343 M	3.7	685 F
A Citation Sovereign Dtr.:						
BB	VG (87)	5-4	342 d	21,507 M	3.7	786 Inc.
Chapel-Bank Apache Dtr.:						
Apache	VG (87)	2-1	305 d	15,005 M	4.1	611 F
Penstate Ivanhoe Star Dtr.:						
Star	GP (81)	3-4	331 d	18,425 M	3.6	655 F
Woodnorth Supreme Max Fondy Dtr.:						
Beth	VG (87)	4-2	328 d	19,990 M	4.4	887 F

SEMEN and SEMEN TANK

135 Amplex and straws of semen, 44 of Paclamar Astronaut, 8 Round Oak Rag Apple Elevation, 1 Whirlhill Kingpin, 2 Provin Mtn. Ivanhoe Jewel, 8 Lawcrest Marvex - Twin, 10 Arlinda Commander and other sires of high AI proof.

PRODUCE

200 bales choice hay (sold in 500 bale lots)



TRACTORS & EQUIPMENT

Case 1070 diesel with cab, Case 830 gas, Ford 800, Ford 3 pth plows, Ford 3 pth utility blade, Ford 3 pth harrow, JD 4-row corn planter, Ford 600 truck with 21 ft. bed.

TERMS: CASH OR GOOD CHECK SALE DAY.

Owners

KENNETH & JEAN LAMBERT

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

LUNCH AVAILABLE

Public Sales Register

SAT. APR 7 - C.H. Wolgemuth and Sons Annual All Day Consignment Sale, located 4 miles West of Manheim, Lancaster County, Pa. C.H. Wolgemuth, Sale Manager.

SAT APR 7 - 9:30 A.M. Large Inventory Reduction Sale, 75 Farm Tractors, 25 Industrial Units & 200 pieces Farm Machinery Located at Marshall Machinery, RD 4, Honesdale, PA Auctioneers Rentzel, Goodrich & Manassey

SAT APR 7 - 9:30 A.M. Pirrung's Big Once a Year Auction of Farmer Owned Equipment Located on Rt 371 midway between North Cohocton & Cohocton, NY 300 pieces of virtually every kind of farm tool expected, plus the featured Dispersal of all grain equipment of Allen & McDowell of Springwater, NY Pirrung's Auctioneer, Inc., 716-728-2520 Gerald Pirrung, Ulysses, Pa 814-848-7401

SAT APR 7 - 10 A.M. Public Sale of Farm Machinery Located in Clearfield Co., take exit 21 off I-80, 3 miles East of Kylertown, Pa on Rt 53 Robert C Allen, Grassflat, Pa Mark Glick, Auctioneer

SAT APR 7 - 1 P.M. Public Sale of Valuable Real Estate

Located 1 mile West of Christiana along William Run Rd., Sadsbury Twp., Lancaster County, PA Attorney - Louis May Auctioneer - Leon Kurtz Conditions of Sale by S Earl & Florence E Blank

SAT. APR 7 - 11 A.M. Farm Machinery Auction for Astalosh Bros., Pennington, NJ, located on the Pennington-Titusville Rd 2 1/2 miles West of Rt 31 Turn West by Pennington Shopping Center light off Rt 31 10 miles North of Trenton, NJ Arrows posted! Farm Sold! Owners - Astalosh Bros Sale by Col Fred R Daniel, Auctioneers, Inc

SAT APR 7 - 10:30 A.M. Farm Dispersal on Butler Hill between Osceola & Keeneyville, Pa Owners Wayne & Sandra Trowbridge Sale by Beards, Knoxville, Pa

SAT APR 7 - 100 P.M. Afternoon Public Auction of Church and Miscellaneous Items Directions - From Damascus, MD, take Bethesda Church Rd off Rt 27 - by Damascus Elem School - Go 3 miles West to sale Bethesda United Methodist Church, Browningsville, MD Tom Cawood, Auctioneer

SAT APR 7 - 10 A.M. Public Sale of Wakefield Lions Club

Estate of Antiques, Household & Collectables, also Farm Machinery, Cars, Tools, Etc Located at Powls Feed Service, along Rt 272, 1/2 mile north of Wakefield, 16 miles south of Lancaster Terms by Wakefield Lions Club Auctioneers Kreider & Diller

SAT APR 7 - 10:00 A.M. Farm Implement Auction Located at the Joseph McKotch Farm in Colver, PA, 6 miles NW of Evansburg off Rt 219 Auctioneer Ray Matevish

SAT APR 7 - 10:00 A.M. Public Sale of Farm Equipment and Irrigation System Sale for Albert Robinson, Pittsgrove-Rainbow Lake Area, Delsea Drive, (Rt 47) to Garden Rd, SW to Allvine and 6 points Rd Corner Signs posted Pittsgrove, NJ Auctioneers Sicker & Scott

SAT APR 7 10 A.M. Public Sale Farm Machinery, Household Goods, Antiques Located in Perry Co., 7 miles West of Loysville Follow Rt 850 West out of Loysville & watch for sale signs Owner Thelma Ricedorf Auctioneer Shull

SAT APR 7 - 10:30 A.M. 100 Registered Holsteins Sell in the Virginia Spring Sale Located at Rockingham Co Fairgrounds, Harrisonburg, VA Sale Sponsored by the Virginia Holstein Association, Charles (Butch) Street, Sale Chairman, Quicksburg, VA 22847 Sale Managed by Remsburg Sale Service

SAT APR 7 - 10:30 A.M. Public Auction of Antiques & Collectible Dolls Located at 116 Grove St., Glassboro, NJ Take 322 E off Commodore

Barry Bridge to Glassboro, NJ, go S on Rt 47 & turn right on Grove St See Auction arrows Sale for M J Hockman Auctioneer Ralph D Hughes

SAT APR 7 - 10:30 A.M. Annual Machinery Sale to be held at the Aberdeen Sales Co Inc on Md Rt 22 in Churchville, Md Complete Line of Farm Machinery, Equipment & Tools Aberdeen Sales Co Inc, Sale Managers

SAT. APR 7 - 10:30 A.M. Public Sale of 5 Tractors, Machinery, 7 Cattle, Dairy

Equipment and Feed Located between Emmitsburg, MD and Fairfield, Pa, 1 1/2 miles West of Emmitsburg, MD on Rt 97, 1 mile North on Tract Road, East on Boyle Road, first farm on left. Sale by Paul Goetz Auctioneer R.C Mullendore

MON APR. 9 - 7 P.M. Sale of 2 Adjoining Country properties Located from Rt 272 at Ephrata take Meadow Valley Rd, 1 3 miles to properties on right, Ephrata Twp. Sale by Eugene G., Goldie, & Susie S Stauffer Auctioneers John E & Paul E Martin

100 REGISTERED HOLSTEINS SELL IN THE VIRGINIA SPRING SALE

At the Rockingham County Fairgrounds - Harrisonburg, Virginia.

SATURDAY, APRIL 7

10:30 A.M.

**65 CALVES AND OPEN HEIFERS
35 SELECT BRED HEIFERS
AND YOUNG COWS**

Daughters of These Sires Sell:

Elevation (17) Conductor (11) Glendell (13) Tippy (7) Round Oak Virginian (7) Lime Hollow Admiral DeKol (4) Arlinda Cinnamon (4)

Pleasing Type

Backed by Protection!

2 Sell from EX Dams

25 Sell from VG Dams

30 from dams over 20,000M to 28,142M

17 from dams with 750F to 1028F

12 more from dams 700F to 749F

Great Group of Stylish Calves Born Right to Show

20 July Calves - 10 October Calves - 10 Junior Yearlings.

Sired by the breed's best sires and many from high scoring dams with outstanding production records.

The Bred Heifers and Cows include many fresh or close with some due for base milk. You'll like the pedigrees and the type!

Sale sponsored by the

Virginia Holstein Association.

Sale Managed by Remsburg Sale Service Jefferson, Maryland 21755

PUBLIC SALE SATURDAY, APRIL 7

Starting at 10:00 A.M.

Located in Perry Co., 7 miles West of Loysville. Follow Rt. 850 West out of Loysville and watch for sale signs.

Farm Machinery

Oliver #1655 diesel tractor with wide front end, over and under hyd. shift, all power and 3 pt. hitch; Oliver #1650 gas tractor with wide front end and all power; Oliver 770 gas tractor with power; Ferguson tractor with 3 pt. hitch; Ferguson 3 pt. cultivator; Ferguson steel bed farm trailer on rubber; Oliver #50 pull type single row corn picker; Oliver #546 4-16" bottom plow with hyd. and automatic reset.

1972 FORD PICKUP F100 RANGER WITH 57,000

ACTUAL MILES & ONE OWNER

PINCOR 16,000 WATTS GENERATOR - 66 AMPS

New Holland #273 Hayliner baler with thrower; New Holland #256 side rake; New Holland #479 9 ft. haybine; New Holland #26 super lift silo blower; New Holland #717 super field harvester with grass and corn head; New Holland 30 ft. bale elevator; New Holland #8 forage wagon; 2 gravity bin wagons on rubber.

3 rubber tired hay wagons with high racks, Little Giant corn drag elevator; John Deere 10 ft. field disk on rubber; John Deere model N, 130 bu. manure spreader; John Deere 3 pt. corn worker; New Idea #214 manure spreader (large); Souder manure loader and 7 ft. quick tatch snow blade, like new; 3 pt. scraper blade.

Brillion 10 ft. chisel plow; Brillion 12 ft. cultipacker with large shaft and rollers; 14 ft. lever harrow; IHC #510 31-7 grain drill with both seed attachments; IHC 4 row corn planter with Gandy insecticide attachment; FMC rotary 6 ft. cut stock chopper; field sprayer with fiberglass tank; old ensilage cutter; walking plow; Remington chain saw; large feed chest; milk cans.

Galvanized pipe; pile of locust posts; stainless steel wash tubs; egg washer; electric milk house heater (220); some old iron; wagon load of miscellaneous items and some hand tools; milk cooler used for feed chest.

HOUSEHOLD GOODS

Whirlpool air conditioner; green reclining chair; 3 pc. sectional living room suite; studio coach; crib; play pen; bedding; record albums; metal clothes rack; large braided rug; hair dryer; tables; stands; table lights; breakfast table and chairs; small file cabinet; dishes; pots and pans; springs and mattresses.

ANTIQUES

3 pc. oak bedroom suite; 2 pc. bedroom suite; 4 pc. bedroom suite; oak record cabinet; treadle sewing machine, wooden bed; chairs and rockers; man's buffalo long coat, round extension table; work bench and meat bench; jars and other items.

AUCTIONEER'S NOTE - This machinery is in very, very good shape; some just like new!

TERMS - CASH

THELMA RICEDORF
Phone 717-789-3666

URICH, Clerk
SHULL, Auctioneer

Lunch Stand by

The Ladies of Centre Presbyterian Church

FARM IMPLEMENT AUCTION

SATURDAY, APRIL 7

Starting at 10:00 A.M.

Located on the Joseph McKotch Farm in Colver, PA. 6 miles NW of Evansburg off Rt. 219. Watch for signs.

Partial Listing

We will offer for sale the following: Int. 706 diesel tractor with wind breaker cab, Int. 1150 grinder mixer auger feed w/magnet, Int. 540 manure spreader, NI 310 corn picker, 6 row husking bed, Int. #10 field chopper, Oliver 2 section spring tooth harrow, Gehl 72 flail chopper, Grove hay wagon with throwing racks, flat bed wagon, set snap on duals size 16.9x34, Int. 4 bottom 14" plow, 2 pt. hitch, 2 Deluxe MFG. gravity boxes on 8 ton chassis with high flotation tires, NI 279 cutditcher, Pittsburg 12 ft. 6" disc with 24" blades, Little Giant 40 ft. elevator with 2 hp. motor, Oliver side rake, set stock racks for pickup truck, 10', assorted cattle handling equipment, Oliver 3020 3 btm. drag plow, 600 bales clover hay, 600 bales straw, 600 bu. ear corn, Speedy corn crib, 1000 bu. capacity. Will also sell many small and large items too numerous to mention.

Auctioneers Note: This will be an excellent opportunity to obtain farm equipment that is in excellent shape. Terms: Cash.

Checks will be accepted with proper identification.

For More Information call 814-472-7520 after 6 p.m.

Owner

JOSEPH MCKOTCH

Auctioneer: Ray Matevish

PUBLIC SALE

**OF REAL ESTATE (6.33 ACRE FARM)
FARM EQUIPMENT, LOTS OF TOOLS,
1966 FORD PICKUP TRUCK,
ANTIQUES & HOUSEHOLD GOODS
SATURDAY, APRIL 21**

At 9:00 A.M.

Located at 270 Strasburg Pike, West Lampeter Twp., Lanc. Co., Pa. (from Lancaster take Lincoln Hwy. east about 2 miles; turn right onto Strasburg Pike; about 1 1/4 miles to sale).

REAL ESTATE: Very nice 2 1/2 story frame, 8 room & full bath house w/white alum. siding. Sep. Buildings: 1 1/2 story cement block 3 car garage; 2 story frame barn w/stables, dble. barn floor, tobacco cellar & stripping room; 2 story cement block 20' by 30' garage. Lot Size: 225' frontage by 925' depth w/total of 6.33 acres of land more or less. property open for inspection: Sat's. Mar. 31 - Apr. 7 & 14 from 1 till 3. Real Estate to be sold at 2:00.

FARM EQUIP. & TRUCK: 1966 Ford F-100 pickup truck (A-1 shape), 2 - A Farmall tractors both w/ex-tras, 4 HP Cushman gasoline engine, McCormick manure spreader, 20 disk harrow, 7' mt. mower, cultipacker, flat bed wagon, 2 wheel trailer, potato & walk. plows, garden tractor w/extras, & other lawn & garden equip. Lots of power, barn, hand & garden tools (good cond.) not listed. Lumber, fence & lots of other farm equipment old tin, iron, wooden & copper articles. Crocks & jugs. Frig. refrig., & elec. stove, Zenith console & port. TV's., & other lg. appliances. Walnut, oak, mahg., & metal furniture. Good & everyday glassware & china. Lots of household articles not listed. Very large sale. Not responsible for accidents day of sale. NO OUT OF STATE CHECKS ACCEPTED Two Auctioneers Selling Food served.

Sale by

MRS. RICHARD E. CAIN

(Edna A. Cain)

Appel, Herr & Appel Attys.

Howard Shaub Auctioneer 464-3541

and Roy C. Probst 464-3190

SHORT NOTICE PUBLIC SALE

OF VALUABLE FARM REAL ESTATE

Lebanon County, Lebanon, PA

SATURDAY, APRIL 21

10:00 A.M.

Located along Rt. 343 between Fredericksburg & Lebanon. Take Rt. 343 South off old 22 from Fredericksburg or 7th Street North out of Lebanon.

A 94 acre, very fertile dairy farm with Surge milking parlor and prep stalls, 25' x 50' holding area. 80 freestalls with 70' taper board feeder, 50' hay feeding area and plenty of storage for feed. 24' x 80' Weaver Star silo; 20' x 80' Weaver Star silo; 20' x 60' Weaver Star silo with bottom unloader and a 14' x 55' tile Weaver Star silo, like new. Also, a large 60' x 100' banked backed barn with first floor for heifer or calf raising. Other out buildings consists of a 20' x 30' corn barn; 25' x 30' two car garage and work area, spring house and small chicken pen. Two streams and large farm pond. Farm is located with road frontage on two sides. Dug well with excellent water supply.

House consists of a large kitchen, living room and side room on the first floor. Three bedrooms and a bath on the second floor. One of the bedrooms has air conditioning. Some wall to wall carpet throughout the house. Closed-in porch with attached summerhouse, remodeled into game or family room. Attic and cemented basement. Oil hot water heat.

"Don't miss this good opportunity to

buy a good located, fertile farm."

TERMS: 10% down day of the sale.

Balance within 30 days.

Immediate possession of the land day of the sale.

Inspection of property: By appointment

Call Dale Jones 717-865-3172

or Ruben Houser 717-274-1240.

Terms by

DALE JONES

ATTORNEY: Samuel Weiss, Sr.

AUCTIONEER: Ruben Houser

777 Hill Street

Lebanon, PA 17042

Public Sales Register

MON APR 9 - 11 00 A M Ni-
Crete Farms Milking Herd
Dispersal Located on the
south edge of Chambersburg,
PA, going south on Rt 11, turn
right on Industrial Drive 1
mile to Hollywell Ave, turn left
to farm, about 40 miles
southwest of Harrisburg and
18 miles north of Hagerstown
MD T K Nitterhouse Owner

BONNIE BRAE AUCTION 5th ANNUAL SPRING MOWER & EQUIPMENT SALE

Located on Route 724, Spring City, Pa. 8
miles West of Valley Forge, Pa.

SATURDAY, MAY 12

11:00 A.M.

HUNDREDS OF LAWN MOWERS TO SELL

RIDING TRACTORS • RIDING MOWERS
ROTARY MOWERS • REEL MOWERS
POWER TOOLS • HAND TOOLS
FARM EQUIPMENT • CARS
• TRUCKS • BOATS • ETC.

WE SELL ON COMMISSION FOR YOU
A great opportunity to sell your surplus
or buy needed equipment

RICHARD J. MOYER, Auctioneer
948-8050

PUBLIC SALE

FARM MACHINERY

The undersigned, discontinuing their crop-
farming operation, will sell the following, to be
held at REDDING AUCTION SERVICE located 3
miles North of Gettysburg on Route 34 (Get-
tysburg to Biglerville Road) on

MONDAY, APRIL 2

1:00 P.M. Sharp
(No Small Items)

White-Field Boss 2-105 tractor hydro shift, 18 speed,
750 hrs., fully equipped w/cab, 3 pt., w/front, 18.4x38
rears (excellent condition); MM Jet Star Super 3
w/front, hydro shift, 3 pt., 10 speed, 16.9x28 rears,
power steering, (VERY NICE); Massey Ferguson
Mod. 124 heavy duty hay baler, excellent condition, 2
chutes, uses sisal or plastic twine; Type - Mod. 104 3 pt.
no till seeder - grass & grain (new cond. used 45 acres);
International Harvester Mod. 105 forage wagon on a
330 Int. Chassis, 11-L-15 tires (very nice); Allied Mod.
265 grinder mixer - 540 PTO - 3000 lb. tank (extra
screens); Farmhand PTO self unloading mixer
wagon; New Idea wheel hay rake (7 wheel); Vicon 3
pt., 3 wheel hay rake & tedder; International 330
chassis w/165 bu. gravity wagon; Eminent 3 pt. fer-
tilizer spin spreader; New Holland ensilage blower
w/90 ft. 8 in. pipe & goosenecks; John Deere 3-14' trip-
back, 3 pt. plow; John Deere 2 section, 3 pt. tractor
harrow; set Schwartz prongs for pilot or bin loading; 14
ft. grain converter w/¾ elect. motor. LOT ITEMS
LIKE NEW!

NOTE: All machinery owned by undersigned and
being moved to REDDING AUCTION SERVICE for
convenience of sale.

Terms: CASH

Owners

LEO & JOYCE ANN SPENLA

Rt. 1 - Fairfield, Penna.

Ph: 717-642-5110

PUBLIC SALE

FARM MACHINERY

The undersigned will sell the following to be
held at REDDING AUCTION SERVICE located 3
miles North of Gettysburg on Route 34 (Get-
tysburg to Biglerville Road) on

MONDAY, APRIL 2

1:00 P.M. SHARP
(NO SMALL ITEMS)

John Deere Mod. 35 one-row, pull-type Forage
Harvester, corn & grass; J.D. 1027 - 7 ft. haybine (ex.
cond.); J.D. 336 baler w/hyd. ejector. 4000 bales (like
new); Ford 3-pt side delivery rake; Youngs hay
preserver dispenser w/pump & nozzle & 12 gal.
preserve; 3 bales baler twine

TERMS: CASH

FRANK DARCEY

Spring Bottom Farm

Rt. 2 - Box 39

Fairfield, Pa.

Ph: 334-1903

C. DAVID REDDING, AUCTIONEER

Rt. 6 G-burg - Ph: 717-334-6941 or 4-6598

R Austin Backus Inc Sale
managers and Auctioneers

TUES APR 10 Completely
Selling Holstein Dairy, Com-
plete line of Like New Farm
Machinery, etc Farm is sold
Located at Jasper, Steuben
Co, NY (off Rt 417) Plan for
top merchandise here! Mr &
Mrs Eldon Parker,
607 792 2152 owners Sale by
Pirring's Wayland NY
716 728-2520 or Ulysses PA
814 848-7421

TUES APR 10 10 AM Public
Sale of Farm Machinery, JD
4430 tractor Located in Hun-
tingdon Co., 14 miles West of
McAleveys Fort, PA or ½ mile
East of Petersburg, PA, turn

North off Rt 305 about 1 mile
Albert Evans and Son RD 1
Alexandria PA Owners Mark
Glick, Auctioneer

TUES APR 10 7 P M Third
Annual Penna Feeder Pig
Show and Sale to be held at the
New Holland Sales Stables,
Inc., New Holland Pa This
event co sponsored by the Lan-
caster County Swine Pro-
ducers Association and New
Holland Sales Stables, Inc

TUES APR 10 - 11 AM
Frederick Co Holstein Sale
Located at the fairgrounds,
Frederick, MD Sponsored by
the Frederick Co Holstein
Association Sale Managed by
Remsburg Sale Service

PUBLIC SALE SATURDAY, APRIL 7

At 10 A.M.

Located in Clearfield County, take exit 21 off I
80, 3 miles East of Kylertown, Pa., on Route 53,
watch for sale sign.

FARM MACHINERY

I.H. 706 gas tractor w/fast hitch, new 18.4x34 tires
and completely overhauled less than 300 hrs., I.H. 4-14
in. trip back fast hitch plow, J.D. model A tractor runs
good, N.H. no. 202-110 bu. manure spreader like new,
N.H. no. 479 haybine, cut less than 100 acres, J.D. no.
640 rola bar rake, I.H. no. 430 baler, A-1 cond., I.H. 7 ft.
mounted mower, 2 N.I. wagons w/flat beds and grain
sides, wagon w/flat bed and 4 ft. sides, Snowco no. 700
auger feeder wagon, Cardinal Jr. grain elevator w/1
h.p. motor, 3 grain augers, J.D. no. 35 harvester
w/corn head used 2 seasons, I.H. no. 456-4 row corn
planter w/large fibre boxes, Ontario 15 disk grain drill
on steel, I.H. 13 hoe grain drill, new J.D. 12 ft. harrow,
I.H. 8 ft. disk, Kewanee 8 ft. fast hitch blade, PTO post
hole digger, 30 ft. endless belt, new set 15.5x38 tractor
chains, Jamesway cattle feeder base unit w/10 ft.
auger, 2 hog feeders, 6 and 8 hole, antique cylinder seed
cleaner, hyd. cylinders, a lot of new aluminum win-
dows w/glass different sizes, forks, shovels, a lot of
misc. shop and farm items.

Terms - CASH

Lunch at sale

ROBERT C. ALLEN

Box 182

Grassflat, Pa.

Mark Glick - Auctioneer

Carl and Carlene Pearce - Clerks

PUBLIC SALE

PECHTLINE FARMS SURPLUS MACHINERY THURSDAY, APRIL 5

At 10:30 A.M.

Located in Mifflin County, 5 miles East of Milroy,
Pa., at the New Lancaster Valley Road in-
tersection.

FARM MACHINERY

1967 Chev. 10 pickup truck (½ ton) w/latest insp., 1965
CJ-5 Jeep w/metal cab and late insp., J.D. no. 70 flail
spreader, Case 135 manure spreader w/3 beaters,
Hesston stackhand 10 hay stacker, Hesston 3 pt. stack
mover, J.D. 214 T baler in good cond., N.H. no. 404 hay
conditioner, new N.H. 20 ft. hay conveyor, new N.H.
bale buster, Harvey 30 ft. hay and grain elevator, 6 in.
auger 18 ft. long, flat bed wagon, Ferguson side
mounted (highway type) 7 ft. mower, J.D. no. 16A flail
chopper, J.D. 17 disk grain drill, J.D. 12 ft. fertilizer
and lime drill, J.D. 5-14 in. trip back semi-mounted
plow w/high speed bottoms, western harrow for 5
bottom plow, Dearborn 2 bottom mounted plow,
Ferguson 2 bottom mounted disk plow, I.H. 8 ft. ad-
justable angle disk, J.D. 12 ft. tractor harrow,
Ferguson 3 pt. cultivator, I.H. 8 ft. cultipacker, horse
drawn weeder, 3 pt. sprayer w/165 gal. fiberglass tank,
400 gal. poly tank, 2-75 gal. fiberglass tanks, 500 gal.
water tank on tandem axle wheels, 280 gal. oil tank,
snow plow, 3 pt. blade 7 ft., Ferguson 3 pt. post hole
digger, Ferguson 3 pt. dirt scoop, Clipper seed cleaner,
50 ft. of 8 in. blower pipe, Cyclone electric seeder,
Forney 180 amp. arc-welder, and some misc. wagon
items.

DAIRY EQUIPMENT

6 Surge milker units, 3 S.S. strainers, some 10 gal. milk
cans, double galvanized wash tubs, 8 can, 16 can and
two 10 can milk racks, case of 4 9/16 in. filter disc for
Surge, case of 12 x 200 ft. single rolls of gauze faced
flannel socks for Surge, 2 cases of 2 3/16 in. x 24 in. rigid
bleached flannel socks for Surge, number of brooms
and brushes, etc.

Terms - CASH

Lunch at sale

GRANT PECHT AND SONS

R.D., Milroy, Pa.

Mark Glick - Auctioneer

Reedsville, Pa.

Lancaster Farming, Saturday, March 31, 1979-167

MON APR 10 12 Leona Hol-
stein Milking Herd Dispersal
Located off Rt 6 7 miles from
Troy, Pa 3 miles from East
Troy Watch for Auction Arrows
at Case Equipment dealer
Owners Orlon & Vivian Mat-
tacks Sale Managed by Wood's
Auction Service

WED APR 11 1 P M Public
Sale of 123 Acre Dairy Farm
Located Midway between
Myerstown and Lebanon on
King St 501 South of
Myerstown turn West, 1st road
South of railroad underpass
Terms by Myron & Edna King
Auctioneer - Steve Petersheim

WED APR 11 7 P M Special
Feeder Sales at Four States'
Livestock Sales Inc in
Hagerstown, MD For more in-
formation or to have your cat-
tle advertised call Hagerstown
733 8120

WED APR 11 9 A M Going
Out of Business Sale, Lumber,
Feed, New Hardware, Feed Mill
and Office Equipment Located
at corner of Front and Fulton
Streets, Akron By A Mellinger
and Son, Clarence Mellinger,
owner, Dale L Putt, Auc-
tioneer

WED APR 11 5 30 P M
Public Auction of Antiques,
Collectibles, Etc To be held at
the Southern Manheim Twp
Fire Hall, Fruitville Pike & Or-
chard Sts, Lancaster, PA, Auc-
tioneer - John H Cooper

THURS APR 12 - 10 A M
Public Sale of Farm Equip-
ment, Shop Tools, Farm Tools,
Some Household Goods
Located on premises 4 miles
North of York, midway be-
tween Shiloh & Dover on Rt 74
thence turn East 1 mile onto
Hilton Rd, then North at Car-
dinal Ln Dr 1/10 mile in York
Co, Pa Owner E H Craun
Auctioneer Clair R Slaybaugh

THURS APR 12 1 P M
Public Sale of Bred Gilts
Located ½ mile North of Good-
ville along Weaverland Rd
Take Rt 625 North off of Rt 23
to Weaverland Rd, go East to
farm East Earl Twp, Lanc Co
Terms by Amos Zimmerman
Auctioneers Elton & Alvin Hor-
ning

THURS EVE APR 12 - 4 30
P M Public Sale of Farm
Machinery To be held at RD1
Windsor, PA on the corner of
Prayer Mission & Taylor Road
near Prayer Mission Church in
Lower Windsor Twp James L
Noritz & Ray W Taylor,
owners Jacob A Gilbert, Auc-
tioneer

THURS APR 12 - 7 00 P M
Special Graded Feeder Cattle
Sale of 1200 Head of Steers To
be held at the Roanoke Hollins
Stockyard, Hollins, VA

THURS APR 12 - 1 30 P M
Public Auction of Valuable Real
Estate Located 8 miles Nor-
theast of Bedford, Bedford Co,
Pa & 1 mile North of Cessna
off of Rt 220 near Bence Farm
Equipment at the Mr & Mrs

Joseph Mattas Farm (follow-
signs) Owners Mr & Mrs
Joseph Mattas Auctioneer
Stanley Claycomb

FRI APR 13 - 10 A M Public
Sale of Farm Equipment, But-
cher Equipment, Truck,
Household & Antiques
Located on the premises 3
miles East of East Berlin on Rt
234 thence turn north 1½ mile
onto Bigmount Rd, in York
Co, Pa Owner Evelyn J
Myers Auctioneer Clair R
Slaybaugh

FRI & SAT APRIL 13 & 14
9 30 A M Large 2 Day Auto
Collector's Flea Marketeer's
Public Sale Located at the
rear of 212 North George St,
York, Pa Heagy's Auto
Upholstery Shop Owner & Pro-
motor Heagy's Auto
Upholsterer Sechrist Auction
Service

FRI APR 13 - 10 A M Public
Auction of Tools & Equipment
and Antiques & Collectibles
Located at the rear of 1664
West Maple Street, Valley
View, Pa (Watch for auction ar-
rows along W Main St (Rt 25)
and W Maple St the day of
sale) Sale for the Estate of Ira
C Morgan George N Deibert,
Auctioneer

FRI APR 13 - 9 30 A M
Keystone Fire Co Consig-
ment Sale of Household Goods,
Tools and Antiques Located in
the Village of Rehrersburg,
Brks Co, PA Conditions by
The Sale Committee
Breidegam, Myer & Rudy, Auc-
tioneers

FRI APR 13 - 10 A M Public
Sale 3 IH Tractors, Farm
Machinery, Produce, 19 Beef
Cattle, 6 Hogs, Etc Located 4
miles N of Muncy, 2 miles N of
Pennsdale Owners Joe & Jay
Bellanca Auctioneer Max
Fralely & Son 546-6631

TUES EVE APR 13 - 7 00
Sharp Special Feeder Sales for
your Cattle & Pigs To be held
at Carlisle Livestock Market,
Inc, P O Box 108 Hagerstown,
MD

FRI APR 13-1 30 P M Special
Feeder Cattle and Calf Sale To
be held at Blue Ridge Livestock
Sales, Inc, Charlestown, W Va
25414

FRI APR 13-7 P M Maryland
Angus Spring Quality Sale at
Fair Grounds, Frederick, MD
For info Mrs Caryl Velisek,
1868 Rt 94, Woodbine, MD
301-489-4519

SAT APR 14 - 1 00 P M An-
nual Feeder Pig, Gilt and Boar
Sale Located 1 mile south of
York Springs, PA Stan L
Reinecker, Owner, Clair
Slaybaugh, Auctioneer

SAT APR 14 - 11 A M Public
Sale 200 Head Top Quality
Feeder Cattle Located at Port
Trevorton RD #1 (turn East
from Rt 104 at Meiserville &
North ½ mile at Sale sign)
Snyder Co, Pa Owners Roy
Martin & Allen Weaver Auc-
tioneer L Klingler

PUBLIC SALE

OF BRED GILTS THURSDAY, APRIL 12th

AT 1 P.M.

Located ½ mile north of Goodville along
Weaverland Rd. Take Rt. 625 north off of Rt. 23
to Weaverland Rd., go east to farm, East Earl
Twp., Lanc. Co.

15 York Hamp. & Duroc Cross bred to York.

15 York Duroc & Landrace Cross bred to York. Near
due day of sale.

15 York Duroc & Landrace Cross bred to York. Due 3
weeks after sale.

25 open Gilts, York Landrace & Duroc. Breeding age.

4 purebred Yorkshire Boars breeding age.

Breeding background available. Sprayed for lice &
all shots.

Terms By,

AMOS ZIMMERMAN

East Earl R.D. #2

214-445-5796

Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.

Main Street

Morgantown, Pa.

215-286-5183

Public Sales Register

SAT. APR. 14 - 10 30 A.M. Public Sale of Farm Equipment Located between Reading & Bowersville along New Holland Rd., approx 1 1/2 miles North of Junctions Rt 625 & Rt 568. Watch for sale signs. Terms by Paul S. Barr, 2814 Garfield Ave., West Lawn, Pa. Elton & Alvin Horning Auctioneers.

SAT. APR. 14 - Public Sale of Farm and Industrial Equipment. Sale to be held at Capital Tractor Co., 4 miles East of Troy, NY on Rt. 7 Owners Capital Tractor Co. Goodrich Auction Service.

SAT APR. 14 - 9 A.M. Public Sale of Full line of Garage Equipment, Accessories and Tools. Located 145 E Prospect Rd at Salunga, PA (Formerly R. M. Brubaker - Massey Ferguson Dealer) Sale by Farmers Machine Repair Inc H. Abe Shaffner and Henry Chuck Wanger, Auctioneers

SAT APR 14 - 10 A.M. Public Sale 10 Tractors, Farm Machinery, Etc. Located 10 miles N of Bloomsburg, Pa near Rohrsburg Owner James Van Houten Auctioneer Max Fraley & Son 546-6631

SAT. APR. 14 - 10 A.M. Sharp Auction of Farm Machinery & Equipment Location - Elysburg RD1, off Route 42 South of Bloomsburg on Bear Gap Mt Road 1 1/2 miles from Bear Gap, Leg Route 19003 (Follow Auction Arrows) Sellers - Mr and Mrs David Brown Auctioneer - John Autotore

SAT APR 14 - 10 30 A.M. Public Sale Valuable Real Estate, Tractors, Farm Machinery, Tools, Household Goods, Gun, Etc Located at R.D. 2, Dillsburg, Pa Approx 2 mi. south of Dillsburg along Rt

194 to first crossroad entering Franklinton (Cabin Hollow Rd.), turn left, 1/4 to Y, turn right onto Barrens Church Rd., 2nd Farm on right. Signs posted. Owner C. Bowden Faust Auctioneer George Haar

SAT. APR. 14 - 10 00 A.M. Wilson Hixon Estate - Antiques, Household Goods, Woodland and Farm Equipment Located in the village of New Jerusalem, Rockland Twp, Berks Co., PA (Turn south off Topton-Fleetwood Rd at Lyons for 1 1/2 miles) Sale by Anna Miller. Conducted by Ralph W. Zettlemoyer.

SAT APR 14 - 10 00 A.M. Public Sale of Household Goods, Antiques and Collectibles, Farm Machinery and Livestock. Located on Rt 74, between Green Park and Ickesburg in the village of Early, Perry Co (The Davis Farm) Glenn and Cordella Clouse Owners V. Art Kling Auctioneer

SAT APR 14 - 10 A.M. Public Sale of Farm Equipment, Household Goods and Antiques for Elias W. Kreiser located at Manheim RD#3, Pa. along Rt 72, just 1 block South of Turnpike Exit #20, rear of motel. Look for Sale Signs C. H. and Bob Wolgemuth, Auctioneers

SAT APR. 14 - 10 A.M. Public Sale of Farm Equipment, Ensilage & Some Dairy Equipment Located 2 1/2 miles North of Oxford, 1/2 mile East of Route 10, along Hayesville - Lincoln Road, Chester Co., PA Mrs. Tom "Alice" Wolf, owner, Abe, Abe Jr., Alan Diffenbach, Auctioneers

SAT APR 14 - 9 A.M. 11th Annual All Day Sale at Rawlinsville Fire Co located 10 miles South of Lancaster West off 272 in Rawlinsville Farm

Implements, Buildings Materials, Household Goods, Antiques Items sold on commission For information call 717-284-4530 or 717-284-4362

SAT- APR 14 - 9 30 A.M. Public Auction of Real Estate, Household Items, Antiques & Collectibles and Farm Equipment Located 1 mile West of Gratz, Upper Dauphin County,

PA, 40 miles North of Harrisburg (Watch for auction arrows on the day of sale along Route 25 midway between Gratz and Cross Road Sale & Market) Ellen M. Leffler, Owner George N. Deibert, Auctioneer

PUBLIC SALE

SATURDAY, APRIL 14

TIME: 10:30 A.M. SHARP

VALUABLE REAL ESTATE, TRACTORS, FARM MACHINERY, TOOLS, HOUSEHOLD GOODS, GUN, ETC.

R.D. 2 Dillsburg, Pa. Approx. 2 mi. South of Dillsburg along Rt. 194 to first crossroad entering Franklinton (Cabin Hollow Rd.), turn left, 1/4 to Y, turn right onto Barrens Church Rd., 2nd farm on right. Signs posted.

REAL ESTATE (1 P.M.)

Farm containing approx. 114 acres w/approx. 80 acres good producing farmland, balance wood & pasture land; streams of water on property; approx. 1/4 mi. frontage along hard road; approx. 1/2 mi. frontage along dirt township road; thereon erected 2 1/2 story frame house w/siding, 10 rooms, 2 baths, finished basement w/fireplace, modern kitchen, wall to wall carpet throughout home, 200 amp. Entrance; oil fired furnace, like new condition; hot water baseboard heat, 2 zone; oil fire hot water heater new; walk-in cedar closet; 2 built-in air conditioners, A-1; never failing well of water; bank barn w/attached lounging area; 3 car garage & workshop; chicken house; 275 gal. gas tank buried w/pump. This is a very desirable property, has all kinds of possibilities. For appointment to inspect real estate, phone 717-432-4367 (no evening inspections). Please note: property will be offered at public sale if not sold prior to sale day.

TRACTOR - FARM MACHINERY - TOOLS LUMBER - LAWN MOWERS

Ford #6000 diesel tractor, 72 h.p., 6 cylinder, rebuilt engine & transmission, new tires, excellent condition; JD "B" tractor, good tires, OK; Oliver transport disk (44 disk), good shape; Int. 3-bottom 14" plow fast hitch; NI manure spreader on rubber, PTO, good shape; 2 farm wagons on rubber w/highsides; both very good condition; NH Smoker elevator, 24' w/motor, good shape; Woods back-end grader blade, 3 pt., A-1; 3-section spring harrow; gas tank on skids w/pump; 110 gal. gas or diesel fuel tank w/pump; wheelbarrow; aluminum double ladder; Remington .312 chain saw, self oiler, OK; tractor tires; one horse walking plow; associated Model FC-70 battery charger 6 & 12 volt, fine shape; hand sprayers; wire stretcher; sledge hammers; forks; shovels; brushes; axes; wedges; rakes; cant hook; pruners; Rockwell 3/8" elec. drill; Rockwell Skil saw; elec. motors; socket sets; pliers; wrenches; elec. trailers; log chains; saws; new sump pump; other hand & garden tools; coal brooder stove; heavy timber; 4 x 4's; odds & ends of other lumber; wooden storm windows; window sash; Wizard rotary power lawn mower; plus several other tools & small useful items found around barn & shop; Cub Cadet #149 hydrostatic drive; automatic starting riding tractor w/42" rotary mower, excellent condition, 3 years old.

HOUSEHOLD GOODS - GUN, ETC.

Fisher 500 watt tuner amplifier w/Fisher speakers; Garrand changer; Toyo tape deck, everything in very good condition; JVC portable TV; AM & FM radio, elec. or battery, good shape; Sears elec. adding machine, OK; Atlanta chunk stove; Coldspot dehumidifier, OK; 3 pc. living room suite, foam rubber cushions; 5 pc. wooden breakfast set (square table w/woodgrain top & 4 captain's chairs); redwood hand-carved bar; 2 matching bar stools; leopard skin; Franklin bucket; lamp & coffee tables; 4 parson tables; 4 bar stools; bed frames; box springs; mattresses; Lazy Boy recliner; modern hanging light; tree, floor, table & pin-up lights; teakwood fountain; teakwood world pennant; foot stools; bean bags; child's cabinet; bookshelf; folding picnic table; clothes tree; table; maple lamp table; milk cans; charcoal grills; pictures; artificial plants; palm tree; aluminum folding chairs; meat bench; canner; jars; lids & rings; fishing rods; Xmas decorations; books; bedding; linens; curtains & drapes; carpet; curtain rods; live plants; paint brushes; odds & ends of paint; Zebra cloth; hurricane lights; TV trays; dishes; silverware; candles; pots; pans; spice rack, new; roaster, new; elec. toasters; wine rack; Tupperware, new; shower massage; plus other items too numerous to mention. Ithaca repeating 22 rifle, like new. Order of sale: Wagon items, farm machinery, tractors, household goods, gun; real estate 1 p.m. Terms of sale: Cash, Traveler's or approved checks only.

Refreshments: Farm Women Group #17

Owner

C. BOWDEN FAUST

George Haar, Auctioneer

Phone Dillsburg 432-3815

Flohr & Stock, Clerks

Jan Wiley, Attorney

Phone Dillsburg 432-9666

Not responsible for accidents.

PUBLIC SALE

FARM MACHINERY

TUESDAY, APRIL 10

At 10:00 A.M.

Located in Huntingdon County, 14 miles West of McAlevys Fort, Pa. or one-half mile East of Petersburg, Pa., turn North off Route 305, about 1 mile to farm; watch for sale sign.

Very Good Line Machinery

JD 4430 power shift dsl. tractor run 1150 hrs. w/cab, heat, air cond., set of dual wheels for 4430, JD 4020 power shift dsl. tractor in good cond., JD 2010 dsl. tractor, NI no. 504 hyd. loader, IH 656 wide front dsl. tractor, NH no. 679 tandem axle spreader w/gate used 1 yr., Starline no. 850 rotaspreader, JD no. 145 semi-mounted 5-16 in. trip back plow w/side hill, JD no. 220-17 ft. fold up disk used 1 season, JD no. 1710 disk-tiller 11 ft. like new, JD no. 925 roller harrow, Brillion 14 ft. fold up transport harrow, Ferguson 3 pt. folding weeder, NI no. 324-2 row corn picker w/12 roll bed, JD no. 400 mixer grinder, Wetmore grinder blower, NH no. 27 whirl feed blower used 1 yr., Fox no. 2000 harvester w/electric grinder, pickup and 2 row heads, hopper for hi-moisture corn, NH no. 8 forage wagon 3 beater w/roof, Kasten 2 beater forage wagon, Ez-Flow gravity box w/NH chassis, 2 NH gravity wagons, 2 Grove bale racks w/good chassis, flat bed wagon, NH no. 276 baler w/thrower, new NH no. 489 haybine, NH no. 258 rake used 1 season, NH no. 451-3 pt. mower, Bush Hog 7 ft. rotary mower like new, JD 16A flail chopper, JD no. 1445 no-till 4 row corn planter, JD 15 double disk grain drill, JD no. 32B field sprayer w/200 gal. tank, JD 3 pt. 4 row cultivator, PTO seeder, Jamesway 15 ft. feed and grain elevator, and a wagon load misc. items.

We have sold our farm and are offering some late model machinery in good condition.

Terms - CASH

Lunch at sale

ALBERT EVANS & SON

R.D. 1, Alexandria, Pa.

(814) 669-9145

MARK GLICK - Auctioneer
Reedsville, Pa.

CARROLL'S SALES CO., INC.

P.O. Box 307 Felton, Delaware 19943

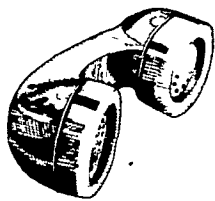
INTRODUCES the TELE-O-AUCTION

to Delmarva

At the same time they will hold their first GRADED FEEDER PIG SALE MON., APRIL 2, 1979 AT 1:30 P.M. Sharp!

Easy As Dialing
302-284-4912

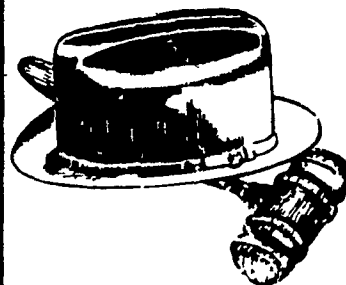
Saves valuable time & effort



Telephone: 302-734-2016 or 302-284-4541
TELE-O-AUCTION
Phone: 302-284-4912

- Tele-O-Auction - Bid over the telephone.
 - Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles south of Dover, Delaware
 - Quick Service
 - No dealer pigs.
 - Pigs received after 7 a.m. until 11 a.m.
 - Commission - \$1.25 per pig and 20 cents per pig for advertising and grading (plus 25 cents tagging where applicable)
 - Consignors - Paid day of sale.
 - Veterinarian inspection on premises - Dr. Towers or Dr. Rucker
 - Pigs sold according to Delaware, Maryland Pork Producers Special Feeder Pig Sales Requirements. State tags available at State Dept. of Agriculture, Dr. Towers or at Substation at Georgetown, Delaware
- Grader - DONALD MORRISON**
Telephone: 301-286-3351
Auctioneers: Harry Barrett
Chester Lee Carroll

PUBLIC AUCTION



REAL ESTATE & HOUSEHOLD
SATURDAY,
APRIL 7

11:00 A.M.

Located along Fruitville Pike between Manheim and Lancaster.

2 story brick house with 1 car garage attached. Situated on a lot approx. 130'x190' with a country atmosphere. Heated by oil hot water heat. Drilled well water. 1st floor has kitchen, dining room, large living room, laundry, also den or family room, 2nd floor has 2 large bedrooms, full bath and lots of closet space. Full basement, also large cistern. Plenty of shade and garden area.

This property is in excellent repair and deserves your inspection.

Real Estate will be offered at 2:00 P.M.

Inspection dates and time for Real Estate

Sat. March 17, 1 to 3 P.M.

Tues. March 20, 5 to 8 P.M.

10% down day of sale.

HOUSEHOLD - Oak furniture, 5 leg ext. table/5 boards, library table, straight glass china closet, side board, 2 bedroom suites/wash stands and dressers, 6 kitchen chairs, turned leg table. 2 grained blanket chests, cedar chest, pressed back rocker and chairs, parlor chair, knee hole desk, White treddle sewing machine, double box spring and mattress, G.E. color port. TV, 2 pc. living room suit, Penncrest table model radio and 2 speakers, Seth Thomas mantel clock, 2 breakfast sets, 4 burner gas stove, G.E. refrig. freezer comb., small elec. appliances, Beauty Queen wringer washer, kitchen cabinet, high chair, copper wash boiler, Hoover upright sweeper, chest of drawers, pie board, square end tables, fruit picture, elec. parlor light, marble roller, baskets, depression glass, Nippon nut set, china milk pitcher, Austria, 1881 Rogers silverware, beveled wall mirror, canning jars, crocks, table lamps, 21" Lawn Boy mower, 30" lawn sweeper, Homelite 5 hp. tiller, riding mower, snow fence, small tools.

Sale for:

WALTER A. LANDIS ESTATE

Exec. Dale Landis

Miriam Whitman

Gibble, Kraybill, Attorney

Wilbur H. Hosler, Auct. 626-5943

Galebach and Hosler, Clerks

PUBLIC SALE

OF REAL ESTATE
Farmette - 17.3 Acres in
PERRY COUNTY

SATURDAY, APRIL 21

STARTING AT 9:30 A.M.

3 bedroom, brick rancher with 2 baths, cattle shed, corn barn & butler bldg. All buildings under 10 years of age - approx. 1000 ft. creek frontage - over 850 ft. hard road frontage.

Property will be open for inspection Sat. April 7th & Sat. April 14th from 1 P.M. to 3 P.M. All other showings by appointment - Ph: 717-665-2636

LOCATION

In Perry County - 4 miles East of Ickesburg, along Route 849 - 1 mile East of Eschol.

Property formerly known as the Marvin D. Moss property.

TERMS: 10% Down - Cash or Certified Check Settlement in 30 Days.

Owner,

LEVI W. MUMMA

W. Dean Shull, Auctioneer
Landisburg, PA. 17040
PH: 1-717-789-3415

COMPLETE FARM DISPERSAL SATURDAY, APRIL 7

10:30 A.M.

AT THE WAYNE TROWBRIDGE FARM
Between Knoxville, Osceola & Keeneyville,
Pa. on BUTLER HILL - TIOGA CO.

SELLING 71 HEAD

Of registered and hi-grade Holstein dairy cattle. 37 mature cows with 20 fresh within the last 2 months, balance in all stages of lactation with a 13,000 lb. milk, 480 lb. fat average, individual records over 20,000 lbs. Some herd sires include Charm Cross, Statesman, Countdown, Galaxy, King Pin. 9 breeding age yearlings, 12,500 lb. yearlings, 13 big, started calves. These young stock are from Jetstream, Job, and Crocker. These cattle show size and breeding, with some cows up to 100 lbs. a day. A real outstanding dairy of cows. 18 month old Jetstream herd sire.

MACHINERY & EQUIPMENT INCLUDING:

3 Tractors, Oliver 1755 diesel with 18-34 rubber with only 1134 hours. IHC 606 with loader, VAC Case. NH 770 chopper, new last year with a 2 row corn head, Oliver Model 546, 5 bottom automatic re-set plow, 3 bottom IHC 14 inch 3 point plows, JD 12 foot transport disc, JD 12 ft. tractor set drag, AC 66 combine excellent condition with PTO and bin, NH 276 baler with thrower, like new, NH 256 rake, like new, NI side rake, 3 Lamco thrower wagons, NH No. 8 crop carrier unloading wagon with roof, Badger unloading wagon, NH trailer mower, NH 279 haybine, excellent condition, JD 2 row corn planter, JD 17 hoe grain drill, like new, spray rig with plastic tank and trailer, IHC 56 blower and pipe, like new, NH Model 365 tank spreader, excellent condition, lime sower, 3 point cultivator, roller mill for a Harvestore, 5 ton triple 15 fertilizer, 32 foot elevator, trailer, 3 bales wire, 150 locust fence posts, wheel barrow, forks, shovels, lots of miscellaneous small tools. Sugaring equipment including 4-12 evaporator, 600 buckets, spiles, tanks, etc.

PRODUCE

Trench of corn silage, 1/2 of a 16-40 silo of corn ensilage, 1/2 silo of haylage in a 20-40 Harvestore, 400 bu. oats.

FARM FOR SALE

172 A. 1/2 in good state of cultivation, 2 houses, 42 stall barn w. a 16-40 concrete silo, 20-40 Harvestore, cinder block milk house, barn cleaner and silo unloaders, bulk tank, milker pump, 40-80 tools shed, on a main road, can be seen anytime.

MILK EQUIPMENT

Including 4 Surge units, 2 w/50 lb. pails, Dumping station.

LUNCH AVAILABLE SALE IN TENT

TERMS: Cash day of Sale or Check with letter of credit from your bank.

Owners:

MR. & MRS. WAYNE TROWBRIDGE

P.S. The Trowbridges are moving to Colorado and everything goes the 7th. A real fancy dairy of cows and a line-up of like new, well cared for equipment. Don't miss this Sale.

Sale By:

BEARD'S COMPLETE AUCTION SERVICE
Knoxville, Pa. — Phone 326-4188

Clyde E. Beard & Son - Auctioneers

FOLLOW THE CROWD TO A GOOD SALE.

Public Sales Register

SAT APR 14 - 9 30 A.M. Annual Benefit Sale for the Belleville Mennonite School Quilts, fresh meat, crafts, etc & feeder cattle. Located at the youth park, Reedsville, Pa. Glick & Gibboney, Auctioneers

SAT APR 14 Public Sale of 5 Tractors and Farm Machinery Located 3 miles East of Hackettstown, NJ Estate of Louis Mitschele Auctioneer Col Fred R. Daniel, Neshanic Station, NJ

SAT APR 14 - 9 30 A.M. Auction of 3 tractors, Full Line Farm Machinery, Crops Located at 51 Forest Rd., Telford, PA, Montg Co 1 mile N of Telford, PA Between County Line & Cowpath Rds., Montgomery Co Sale for

William (J. L. Bill) Dodson Auctioneers Henry K. Freed & Sons

SAT APR 14 - 10 A.M. Public Sale of Farm Equipment, Tack, Household Goods Located in Sporting Hill, turn North 1/4 mile on Colebrook Rd off Manheim-Mt Joy Rd Sale by Mrs John C. Brosey Auctioneer Harvey W. Nissley

SAT APR 14 - 10 A.M. Public Sale of High Lift & Farm Machinery Located on Rt 233, at R.R. 1 mile South of Centerville or 2 miles South of Newville Exit 181 Arthur H. Goodhart, Owner Auctioneer - Art Rife

SAT APR 14 - 11 A.M. Osage Farms Machinery Dispersal Located on Jordan Rd 1 mile South of Rt 370 at Meridian &

CONSIGNMENT SALE

WEDNESDAY, APRIL 4, 1979

AT 9:00 A.M.

Location: 1/2 mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale signs.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no household goods.

Sale By:

DAVID H. GOOD

717-656-8911

We Sell On Commission.

No out of state checks accepted.

- SPECIAL NOTICE -

Hay, Straw & Ear Corn Sale Every Wednesday

At 12:00 Noon

Auctioneers: F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst

NOT RESPONSIBLE FOR ACCIDENTS

Next Sale Wednesday, April 18

PUBLIC AUCTION

VALUABLE 51 ACRE FARM
2 ACRE LOT & FARM MACHINERY



SATURDAY, APRIL 7

At 11:30 A.M.

12 miles West of Allentown, 2 miles Northwest of Fogelsville, 1/2 mile East of the village of Seipstown along Packhouse Road, Weisenberg Twp. Lehigh Co., PA.

TRACT 1

Consists of approx. 51 acre farm w/approx. 35 tillable acres, bal. woodland & meadowland w/pond. 6 room w/2 bath, stone & log comb. dwelling w/oil fired h.w. heat, large bank barn, double corn crib shed, 2 equip sheds, property has blacktop road frontage, private drive entrance to buildings, located in a peaceful valley w/rural atmosphere.

TRACT 2

Consists of approx. 2 acre lot w/frontage to be sold separately.

For inspection of real estate, call for appointment. Tele: 215-285-4616. Terms on real estate: 10% on sale day, bal. by June 1, 1979.

FARM EQUIPMENT

JD 8' disc; (2) 3 pt. 2 btm pls; Black Hawk 3 pt. corn planter; Co-op 4 bar rake; David Bradley elevator; Oliver 8' binder; small 2 whl trailer; 500 lb. platform scale; 1 hole corn sheller; old crop duster; (2) 100 gal. gas tanks; 6' cast iron cattle water trough; 20' ext. ladder

Sale for

MARY BARNER ESTATE

Ordered by Ray Baush

& Ralph Miller, Executors

Conducted by

RALPH W. ZETTEMAYER AUCTION CO.

R.D. 1 Breinigsville, PA

Tele: (215) 285-4616

Lancaster Farming, Saturday, March 31, 1979-169

6 miles North of Rt 31 at Jordan The Dudley Estate, owners Managed by Central Livestock, Boyd A. Resseguie, Auctioneer

MON APR 16 - 11 A.M. Public Auction of Farm Equipment, Truck & Miscellaneous Items To be held on the Paul Lawrence Farm, Wright's Neck Road, off of Route 18 at the 4-H Park, 4 miles West of Centerville, MD Signs posted at Rt 301 & 213 Sale by John W. "Jack" Maynard, owner

TUES APR 17 7 00 P.M. Feeder Sale to be held at the Carlisle Livestock Market, P.O. Box 108, Hagerstown, MD 21740

TUES APR 17 - 6 P.M. Annual March of Dimes Auction to be held at Green Dragon Farmers Market & Auction

WED APR 18 - 11 A.M. Public Sale of Farm Equipment, Tools & Household Goods Located at Intersection of Highville Rd & Indian Market Rd, R.D. 1 Millersville, Pa. Manor Twp., Lanc Co., Pa. (About 3 miles West of Millersville or 1 mile East of Highville Fire Co.) Sale by Mr & Mrs Elwood C. Frey Howard Shaub & Roy C. Probst, Auctioneers

WED EVE APR 18 - 6 P.M. Special Horse Sale to be held at Paul Z. Martin's Sales Stables, 2 miles East of Intercourse, PA along Rt 340. Selling will be Kentucky Saddlebred Horses & Consigned Horses

WED EVE APR 18 - 7 P.M. Public Sale of Real Estate Located along Safe Harbor Road, RD 1 Millersville, Manor Twp., Lanc Co., Pa. (about 4 miles West of Millersville, take Letort Road to Safe Harbor Road, go past Masonville Mennonite Church, first lane past Brenneman Road on right) Sale by Eckert S. Erb Jr. Auctioneer - Howard Shaub

WED APR 18 - 6 P.M. Public Sale of Groceries & Store merchandise Held at Green Acre Dairy Farm Market, located 2 miles SW of Lititz, at Lititz take 772 W to Green Acre Rd., 1 mile to Green Acre Dairy Store Terms by Luke Good Auctioneer Paul W. Horst, Lamar Sensenig Apprentis

THURS APR 19 - 12 Noon Public Sale of Real Estate, Antiques, Household Goods, & Tools Located at 2674 Old Philadelphia Pike about 8 miles East of Lancaster along Rt 340, village of Bird-in-hand, East Lampeter Twp., Lancaster Co., Pa. Sale by Annie M. Cooper Estate - American Bank & Trust Co., Executor Howard Shaub, Auctioneer & Roy C. Probst

THURS & FRI APR 19 & 20 - Horst's Machinery Sale at Marion, Pa. Ralph Horst, Manager

PUBLIC SALE

"Batdorff-Shucker Memorials"
REAL ESTATE - EQUIPMENT -
OFFICE FURNITURE
SATURDAY, APRIL 7

Situated at 101 East Main St.

In The Borough of Myerstown, Leb. Co., Pa.

REAL ESTATE

Consists of corner lot, approx. 60 ft. along East Main St. and a depth of approx. 196 ft. along North Cherry St. to alley. Improvements thereon consist of 2 rooms 16'x22' masonry office, with steam heat; approx. 30'x40' masonry workshop, 27'x50' masonry 5-car garage with access from alley on north side of lot. Borough water and sewerage.

EQUIPMENT, TOOLS

1962 truck, Chevrolet 1 1/2 ton stake body with Ruger swing boom hoist. 1967 truck, Chevrolet, 3/4 ton pickup, 17,000 miles. Schramm 20 cu. ft. air compressor with Wisconsin engine, Ingersoll-Rand type E-S-I 7x7 air compressor, 20 H.P. Westinghouse 3 phase motor, stone saw with 3 phase motor, 250 gal. hi-pressure air tank, sand blasters, electric 90 degree grinder-polisher, degreaser and cleaner. Budget 2 ton electric hoist, 2-1 1/2 ton chain hoists, 3 ton chain hoist, grindstone, 2 hoist slings, electric cord reel, heavy duty hand truck, heavy duty floor trucks and skids, 60 ft. and 80 ft. overhead crane rails, vise tracks, cutting wheels, chisels, tackling, steel tripod, 10 ton hydraulic jack, building jacks, tool box, sledges, dry bars, digging irons, shovels, steel tray wheelbarrow, bench vise, carpenter and mechanic tools, tow chains, Markel electric heater, Knipco portable oil heater.

Sentry 19' rotary mower, hand mower, oil drums, 10 gal. #30 oil, Florin space heater, stepladder, andirons, milk cans, flower urns, 3 ft. x 5 ft. slant top-drafting table, 4 ft. x 6 ft. drafting table, heavy duty Electromode heater, 1 set aluminum curve patterns, size 1 thru 40. Condensed Roman letters and numerals 1 1/4" - 1". Clamp board and paper rack. Double outline letters and numbers, 1" - 1 1/4" - 1 1/2" - 3". Regular Roman letters 3/4" - 1" - 1 1/4" - 1 1/2" - 1 3/4" - 3" - 3 1/2" - 4". Roman numbers 3/4" - 1" - 1 1/4" - 1 1/2" - 1 3/4" - 3". Vermarco Space-Rite letters and numbers 3/4" - 1" - 1 1/4" - 1 1/2" - 3".

OFFICE FURNITURE

3 piece maple living room suite, 4 filing cabinets, wall cabinet, Show-Walker metal desk, wood knee hole desk, desk chairs, wood table, 4 oak chairs, 2 desk lamps, floor lamp, 2 - 1 room air coolers, Herschede electric clock, fireproof safe cabinet, Speedwriter check writer, Burroughs adding machine, Underwood electric typewriter, electric heater and numerous other items.

Sale to Commence At 10:00 A.M.

Real Estate 1:30 P.M.

For Inspection Call 717-866-2421

Conditions By

HARRY S. SHUCKER

Owner

Auctioneer: Earl S. Buffenmeyer

Clerks: Zug and Brandt

Attorney: Henry J. Steiner

Refreshments: Black Diamond Drum and Bugle Corps

Public Sales Register

THURS. APR. 19 - 12 Noon Public Sale of Full line of Store and Warehouse equipment Held at Green Acre Dairy Farm Market, located 2 miles SW of Lititz, at Lititz take 772 W to Green Acre Rd., 1 mile to Green Acre Dairy Store, Terms by Luke Good Auctioneer Paul W. Horst, Lamar Sensenig Apprentis

THURS. APR. 19 - 12 P.M. Public Sale of Fine Dairy Cows, Melvin Kolb, Inc. Monthly Holstein Cattle Auction. Located at the Maryland Farm ½ mile Northwest of Woodsboro, on Rt 550, Frederick Co Sale Manager Melvin Kolb, Inc Robert Mullendore, Auctioneer.

FRI APR 20 - 6:30 P.M. Consignment Sale of Feeder Cattle & Feeder Pigs at Keister's Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

FRI & SAT APR 20 & 21 - 9:30 A.M. Each Day. Large 2 Day Public Sale Real Estate, Antiques, Woodworking Tools, Shop Tools, Car & Household Goods of the Late James H Hersey & Imo Edie Hersey now a resident of Sert's Convalescent Home Located at 109 S Main St., Stewartstown, York Co., Pa Paul K Hersey, P.O.A Robert L Sechrist, Auctioneer

FRI APR 20 - 10 A.M. Spring

Feeder Calf and Yearling Sale, Held at the Farmers Livestock Exchange, Inc., Winchester, VA. Northern VA Livestock, Inc

SAT APR 21 - 13th Colonial Charolais Spring Sale Located Farmers Livestock Exchange, Boonsboro, MD. Managed by Buzz Garey, 100 Walnut Ln., Morrisville, Pa Sponsored by the Colonial Charolais Assoc.

SAT APR 21 - Public Sale of Household Items & Antiques Located at R4 Lititz, PA Sale for Edward K Bollinger. Kline Auction Service

SAT APR 21 - 10 A.M. Public Sale of Valuable Real Estate, Antiques and Household Goods Located 106 N Jackson St., Boro of Strasburg, PA Terms by Ruth Suydam and Reba Rissler, executors for the estate of Mrs Jason (Lena) Doutrich Atty Ralph Eby Leon Kurtz, Auctioneer

SAT APR 21 - 12th Annual Feeder steer sale Steers and Farm Machinery Located 12 miles West of York, PA ¼ mile East of East Berlin, along Rt 234 "Cot" and Barry Jacobs Owners Clair R Slaybaugh, Auctioneer

SAT APR 21 - 2 P.M. Public Sale of 4-H & FFA Club Pigs, Bred Gilts, Open Gilts & Boars to be held at farm 4290 Bridge St. (Whitehall), PA Lehigh Co Calvin H Lazarus & Sons, Owners Guest consignors,

Terry Bennecoff & Sons and Harlan Wessner & Family

SAT. APR 21 - 10 A.M. Public Sale of Tractors, Farm Machinery and Tools, lot of 3 pt. Machinery Located 2 miles South of Westminster, MD, 1 mile off 97 South, 821 Hoop Rd Sale by Paul W Leister Auctioneer Ralph L Schuchart 301-346-7523

SAT. APR 21 - 9 A.M. Public Consignment Sale to be held at the Nescopeck Township Volunteer Fire Company No 1, Rtes 93 and -239, RD 1, Nescopeck, PA Auctioneers - Albert L Broyan, Dennis Briggs, Edward Michael & Dan Nevius

SAT. APR 21 - 2 P.M. Public Sale of 21 Acre Farm Located between Leesport & Shartlesville along Skyline Dr Terms by Melvin & Emily Zook Forry & Forry Attys. Elton & Alvin Horning Auctioneers

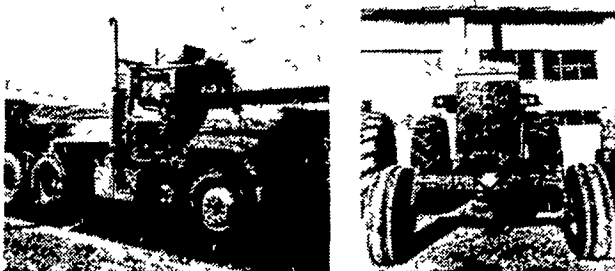
SAT APR 21 - Sam Reed's Annual Farm Machinery Sale, RD 2, Muncy, PA 17756 Consignments accepted until April 20 Call (717) 584-5062 ask for Sam or Doris

SAT APR 21 - Household Goods 10 A.M., Real Estate 1 P.M. Absolute Auction Valuable Real Estate 43½ Acre Farm + Or - Household Goods, Antiques & Coins Located from the intersection of Rt 30 & Rt 10, turn North on Rt 10 1 mile to Compass Rd turn on Compass Rd ¼ mile to sale Sadsburyville Twp., Chester Co, Pa. By order of Jay H Wise. Inspection by appointment call William March, Jr Auctioneer, RD 1, Box 27, Elverson, Pa 19520 215-286-5744

SAT APR 21 - 12:00 Public Auction of valuable 128 Acre Farm Located 2 miles Southeast of Mt Crawford, Va on Route 11, turn East on

"PUBLIC AUCTION" TRUCKS - TRACTORS - TRAILERS - FARM TRACTORS & MACHINERY SATURDAY, APRIL 7 10:00 A.M.

Located in Lycoming County Central PA, Just 4 miles West of Williamsport, PA, at Newberry along old Rt. 220; ½ mile off 220-By Pass near Jct. of 220 & Rt. 15; 15 minutes cab ride from Williamsport Airport. Serviced by Allegheny Airline. Auction to begin with Farm Machinery and Equipment promptly at 10:00 A.M. Consisting of the following items:



"J.D." with 1020 with roll bars, J.D. 4030 with rolls bars; J.D. 4430 with roll bars; AC-CAD J.D. Bottom Plow Hyd. Reset, J.D. 5 bottom plow F 1450. J.D. Roller Harrow 14; Also the following J.D. items, 16' Disc Harrow, 15A Rotary Chop; #25 Forage Harvester, 216 Forage Wagon, 2 1065A wagons, #54 spreader, Cyclone seeder, 6 row 7000 planter, 6600 side hill combine - 6 row cornhead, 12' grainhead, 216 feeder wagon, also 660 rake, 500 BU capacity grain dryer GT 750, 461 N.H. hay bins, Mdl. B. hay feeder, M.F. mdl. 12T baler; Mdl. 2018 New Idea Lime spreader; 2 metal hay wagons; 32' Zimmerman grain & bale elevator; 24' bale elevator; N.H. #56 side rake, N.H. 469 hay bine, N.H. 215 baler with kicker, 3 pt. big wheel rake tedder; 3-16 ton N.H. wagons with hay racks, J.D. 124 planter, 71 I.H. 18' flat bed Dup 26,000 gross, 2-1977 Mack tractors Mdl. 300 22" rubber, A/C W/L; 2-1972 Model Mack tractors 6 spd. 22" rubber W/L; 1973 R. Model 5 Speed sleeper box W/L; 1968 Mack New Cab F Model 22" Rubber, 5 speed 1977 Trailco steel dump trailer 28', 22" rubber, 1978 Trailco alum. 28' box 30' frame; 1971 Fruehauf 27' Alum. trailer 22" rubber, 1972 Ti-Brook 27' alum dump trailer 20" rubber, 1973 Tag-a-Long Lowboy, detachable gooseneck, Michelin rubber, 2-40' flatbeds; I.H. 1700 with rear load 12 yd., trash truck; R-190 I.H. with Gradall; 1968 Chevy 1 ton 12" stake with air compressor - Diesel fuel and gas tanks air fill; like new White Road Boss tractors - 1978 Road Boss; 2-C.T. 290 Cummins 9 spd. 38,000 Bogle W/L; radial tires. 1977 Road Boss 2 P.S. A.C. 1976 Road Boss, 1977 Road Boss; all units have Jac Brakes.

1977 Parker 28' alum dump trailer - 1977 28' trailmobile dump trailer; 1966 26' Vito trailer - 1972 28' Dump Trailer

Note - All of the aforementioned trucks, trailers and farm equipment has been well serviced and maintained.

Terms of Auction - Cash - Certified Check - or Check with proof of financial responsibility. Full payment on day of Sale.

Must have proper ID and guaranteed funds.

Inspection one week prior to Sale - March 31, 1979 10:00 a.m. to 4:00 p.m.

Sale by:

W.A. EMRICK TRUCKING INC.
Lycoming Truck & Equipment Co.

E.M. Murry Associates
BOX 383 Lititz RD6
PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175
Ken Miller 665-2073
Professional Auctioneers,
Appraisers, and Advisors
Since 1953

Route 990 (8 miles South of Harrisonburg, VA) W.W. Simmers Sr., Power of Attorney Larry E Garber, Auctioneer

SAT. APR 21 - Pennsylvania Hereford Breeders Associa-

tion, Waynesburg, PA 1st Annual Sale at the Waynesburg Sale Barn Watch for Complete Listing For further information call William Renner, Waynesburg, PA 412-627-3021.

PUBLIC SALE OF 21 ACRE FARM SATURDAY, APRIL 21 At 2 P.M.

From Shartlesville follow old Rt. 22 to Shartlesville Rd. Stay right & go to Fox Rd. Turn right & go to Skyline Drive & turn left to property. Upper Bern Twp., Berks Co., Pa.

REAL ESTATE

Ground: 21 acres, mostly tillable, some pasture with nice stream flowing thru. Also large farm pond. Terrain mostly gentle slope, old shade trees in yard. 24'x24' above ground swimming pool, underground cold cellar in yard.

House: 2½ St. Frame, tin roof, basement cemented, new oil fired hot water system, new hot water heater, new water pressure system. Water supply by well. 1st fl.-3 rooms inc. large kitchen w/oak cabinets, built in stove, double oven-one self cleaning, linoleum flooring, Frigidaire refrigerator, 2 other rooms have pine flooring. 2nd. fl.-3 bedrooms w/pine flooring, also full bath with carpeting. Attic fully insulated and paneled w/storage.

Barn: Frame bank barn 32'x50' with new metal roof, 3 stables & other stable area.

Shed: 25'x96' frame open front, 25'x25' part enclosed as workshop area w/cement floor & sky lights. Several other small outbuildings.

School District: Hamburg Area.

Comments: All buildings in very good cond. with nice setting in farm lane. Terms 10% dn. day of sale, 60 day settlement. Insp. anytime by appt. Call: HORNING FARM AGENCY, INC. 215-286-5183.

Terms by,

MELVIN & EMILY ZOOK

Forry & Forry Attys.

Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5133

PUBLIC SALE OF FARM AND CONSTRUCTION EQUIPMENT SATURDAY, APRIL 7 9:00 A.M.

At the farm located at R.D. 1, Duncannon, Pennsylvania on Route 274 turn East onto Linton Hill Road near Roseglen. Watch for the Sale signs on Route 274 and Route 849.

FARM MACHINERY

M.F. 300 combine, with two row corn head 1975 model and 10 ft. grain table I.H. 450 diesel wide front end, and fast hitch, Oliver 77 gas tractor with cultivators, Farmall C with cultivators, I.H. 411, 4 bottom plows (fits 450), I.H. silage blower with 45 feet of 8 inch pipe, Sauder manure loader, 8 row sprayer, Oliver hayrake, David Bradley hammer mill, 2 Grove wagon gears, New Holland manure spreader, 2 Wood Bros. corn pickers (1 for parts), New Holland 1 row corn harvester with grass head, harrows, wood saw, 2 livestock waterers.

CONSTRUCTION EQUIPMENT AND TRUCKS

D-2 Caterpillar dozer with angle blade and oil clutch, cement mixer, 1 ton black top roller, air compressor, 1965 GMC ½-ton pickup truck, 1961 Chevrolet 60 series dump truck, 1953 Chevrolet stake body truck.

CARPENTER TOOLS AND MISC. ITEMS

9 inch Dewalt radial arm saw, Band saw, many hand tools, saddle gas tanks for a heavy truck, Lancaster well pump, 8 ft. truck cap, battery charger, 3 riding lawnmowers, misc. tires for car and truck, cast iron Franklin fireplace, oil Heatrola, old shutters and weathered barnboards, many other items too numerous to mention.

Not responsible for accidents.

Owner reserves the right to reject any and all bids.

TERMS: CASH OR CERTIFIED CHECK

Large items-10% down, balance when picked up.

Lunch will be available.

Consignments welcome! Call owner for details.

Order of Sale: Small items, farm equipment, construction equipment.

Owner,

D. R. GILBERT

Ph: 717-789-4302

Auctioneer: Rick Foreman

RD 1, Landisburg

"Other items may be added, some items may be deleted."

PUBLIC SALE OF VALUABLE REAL ESTATE & FARM MACHINERY THURSDAY, APRIL 5 At 12:30 P.M.

At R.D. #4, Spring Grove, Penna. along Roth's Church Road next to Spring Grove School in Jackson Twp. The undersigned Executrix of the John A. Roth Estate will offer at public sale the following.

REAL ESTATE 110 ACRE FARM

Farm consisting of approx. 110 acres of land with the majority being good fertile farming land, some in pasture land, small stream goes over edge of farm. Lots of very good road frontage along Roth's Church Road, water supplied by a good well. Improvements consist of a large stone house with living room, dining room, laundry room & kitchen on first floor, 3 bedrooms & sewing room & bath on second floor, attic, cemented basement, heated by oil hot air heat, partial storm doors & windows, a stone summer house with a fireplace & fresh spring water in cellar. Located nearby is a frame tenant house with 4 rooms down, 3 rooms & bath upstairs, heated by oil forced hot air heat, small garage. Also a large frame bank barn, silo, 3-car cement block garage, cement block hogpen, implement shed & other out bldgs. Majority of bldgs. are in good to very good condition. Lawn area with trees & shrubbery, macadam driveway to farm. This farm is at a very good location and with the stone house & summerhouse & large bank barn makes for a nice appearance and leaves little to be desired. It also offers some prime bldg. sites and should be very highly considered for development use. Must be seen to be appreciated. Zoned residential. NOTE: Farm will be offered at 2 P.M. on day of sale. Terms: 10% down, balance in 60 days. Other conditions will be given at sale time. Open for inspection on Saturday, March 24 & 31, 11 A.M. to 2 P.M., also on day of sale. If on the market for a fine 110 acre farm, be sure to inspect this one & attend this public sale.

FARM MACHINERY

Allis Chalmers D-17 tractor & umbrella, New Idea single row corn picker, Speedy corn stalk cutter, corn conveyor, New Holland baler, Massey Harris drill, Oliver harrow, disc, cultipacker, 16 ft. rubber tire wagon, 16 ft. old wagon with spoke wheels, J. Deere 3 bottom plow, J. Deere 2 bottom plow, V snow blade, hammermill, seed cleaner, feed cart, Also Kelvinator refrigerator with freezer, automatic washer & other articles to numerous to mention. NOTE: Very few small items, so please be on time for machinery. Not responsible for accidents on day of sale Refreshments Available.

Terms on Farm Machinery - Cash or Approved Check.

LOUELLA M. DEARDORFF

Executrix

Jacob A. Gilbert, Auctioneer

Phone 252-3591

T. Frederick Feldmann, Attorney

Public Sales Register

FRI. APR 21 - 1 P.M. On the farm Monthly Bred Gilt Sale located 18 mi. South of Lancaster, Pa. 6 miles South of Quarryville Take 272 to Little Britain, turn North, follow Little Britain Road to Jackson Rd., turn East, second farm, or take 222 out of Quarryville to Ceder Hill Rd. to Little Britain Rd. to Jackson Rd. Watch for sale arrows. Sale by John B. Stoltzfus, Abe Dittenbach, Auctioneer

SAT. APR 21 - 10 A.M. Public Sale of Real Estate, Household Goods, Antiques and Farm Implements Located N. of Myerstown on Rt. 501, between Mt. Aetna and Bethel, PA. Lois Campbell, William Weiser and Jay Brossman Owners. 717-484-4270. Cal Beanesderfer, Auctioneer

SAT. APR 21 - 9 A.M. Public Sale of Real Estate, Farm Equipment, Lots of Tools, 1966

Ford Pickup Truck, Antiques & Household Goods Located at 270 Strasburg Pike, West Lampeter Twp., Lanc. Co., PA. (From Lancaster take Lincoln Hwy east about 2 miles, turn right onto Strasburg Pike, about 1 1/4 miles to sale) Sale by Mrs. Richard E. Cain Howard Shaub, Auctioneer

SAT. APR 21 - 10 A.M. Public Sale of Valuable Real Estate, Appliances, Antiques, Tools, Etc. Located approx. 4 miles from Rt. 83, take exit 7 East, onto Rt. 124, Prospect St. go to 2nd light, at Rt. 24 Turn right and go straight to Kendale Rd. Turn right and follow signs to sale. Attorneys: in-fact - Catherine Campanella, Fred Steinfelt & Paul Ryer Thomas H. Sechrist, Auctioneer

SAT. APR 21 - 9:30 A.M. Public Sale of Real Estate, Farmette 17.3 Acres in Perry Co. Owner Levi W. Mumma Located in Perry Co. 4 miles East of Ickesburg, along Rt. 849, 1 mile East of Eschol W. Dean Shull, Auctioneer

SAT. APR 21 - 10 A.M. First Annual Auction Sale of Farm Equipment, Construction Equipment, Lawn and Garden Equipment To be held at the Brenda Jane Sell It Shop, Rt. 611, Harrow, Ottsville, PA. Auctioneer Col. Bill Holland

SAT. APR 21 - 9:30 A.M. Public Sale of Modern Fur-

niture, Antiques, Tools, Horse Equipment & Farm Machinery Located 9 miles West of Carlisle or 2 miles East of Newville off Rt. 641 turn on Green Hill Rd. or Crossroad School Rd. to Wagners Lane Sale for J. Wilbur Wagner Carol Burruss, Auctioneers

SAT. APR 21 - 9:30 A.M. 3rd Annual Benefit Auction for the New Danville Mennonite School Building Fund to be held at our barn 1/2 mile South of New Danville Pike, Rt. 324 Sanford Leaman, Auctioneer, 717-299-5791

WED. APR 25 - 7 P.M. Special Feeder Sales at Four States Livestock Sales, Inc. in Hagerstown, MD. For more information or to have your cattle advertised call Hagerstown 733-8120

FRI. APR 27 - 6:30 P.M. Annual Spring Registered & Grade Herfer Sale Located at the Belleville Livestock Market, Belleville, Pa. Mark Glick Auctioneer

FRI. APR 27 & SAT. APR 28 - 4th Public Railroadiana & Toy

CLIP & SAVE THIS AD

PUBLIC SALE VALUABLE REAL ESTATE, APPLIANCES, ANTIQUES, TOOLS, ETC.

By the Heirs of John Steinfelt Late of this place, Windsor Twp., York County, Pa.
SATURDAY, APRIL 21
At 10:00 A.M.

Located approx. 4 mi. from Rt. 83. Take Exit 7 East, onto Rt. 124, Prospect St. Go to 2nd light, at Rt. 24. Turn right and go straight to Kendale Rd. Turn right and follow signs to sale

REAL ESTATE

Approx. 55 acre farm with stream. Improved by a 9 room, 2 1/2 story frame dwelling with oil hot air heat and conveniences in part, also a bank barn, 3 story brick & frame mill, machine shed & corn crib, underground root cellar and other outbuildings. Approx. 38 acres under high cultivation, the balance woodland & semi-pasture. Water supply from a good never-failing well. The creek is a stocked Penna. trout stream. Terms on Real Estate - 10% cash or certified check on day of sale, and the balance in 30 days at final settlement. To inspect, Phone 845-3137, 244-0642, 244-1129 or 244-2875. REAL ESTATE WILL BE AUCTIONED AT 11:00 A.M. SHARP.

PERSONAL PROPERTY

GE 95 cu ft. refrig. - like new, Norge self-cleaning electric range, GE 12 cu ft. 2-door refrig., GE portable auto washer, Zenith 19" color TV, GE 2-speed auto washer - good cond., 8 pc. BR. suite, Wards enamel sink bench & cupboards in avocado - like new, beautiful loaf trunk, GE microwave oven & stand, iron bed, 2 oak buffets, good box spring & mattress, day bed, cook stove, oak stands, dinette table, plank bottom chairs, chifferobe, large kitchen rocker, kitchen cab base, willow clothes basket, china closet, elec. window fans, food grinder, many chairs, butcher bench, large wooden bench w/mortised legs, clothes tree, coal buckets, many old dishes, kerosene lamp, earthenware bowls, rug beater, large bent wood tramp art rocker, wash boiler, crocks, lawn chaise, etc. 22 cal. pump rifle, 12 ga. pump shotgun, shoe lathe set, single & double hot plates, cream separator, platform scales, large hay fork, 32 ft. ext. ladder, antique clover seed sower, pitch fork, horse halter, 2 rotary power mower, 250 gal. fuel tank w/pump, 260 gal. oil tank, scythe, wrecking bar, chicken crates, chicken feeders, hoes, rakes and other tools.

TERMS Cash, or check w/approved ID

Attorneys in-fact
Catherine Campanella
Fred Steinfelt
Paul Ryer

Thomas H. Sechrist, Auctioneer
Ph. 244-2875

Thomas Godfrey, Clerk
Refreshments Reserved
Not Responsible for Accidents

CLIP & SAVE THIS AD

Lancaster Farming, Saturday, March 31, 1979-171

Train Consignment Auction Located at the Red Caboose Hotel and Restaurant along Rt. 741 near Strasburg, PA. All types of Railroad items from lanterns, paper goods, toy trains welcome. Donald Deninger Manager Ron Funk and Assoc. 717-442-4279

FRI. APR 27 - 6 P.M. Sale of Bred Gilts, Open Gilts and Boars, Sale held at the Lebanon Fairgrounds, Lebanon, PA. Leon, Lawrence and Thomas Arnold Owners. For information call or write Leon Arnold, Rt. 7 Box 705, Lebanon, PA 17042 717-273-5880

SAT. APR 28 - 13th Colonial Charolais Spring Sale Located Farmers Livestock Exchange, Boonsboro, MD. Managed by Buzz Garey, 100 Walnut Ln., Morrisville, Pa.

SAT. APR 28 - 11 A.M. Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Larry Long, Auctioneer

SAT. APR 28 - 12 Noon Wayne County 6th Annual Reg. Holstein Calf Sale, Honesdale, PA. Robert Oliver, chairman M. L. Bunnell, Auctioneer, Springville, PA.

SAT. APR 28 - Consignment Sale for Amish School Fund. Consignments will be advertised. For consignments call 717-532-6846 or 717-632-7472. Sale to be held at the Ben A. Fisher Farm, RD. 1 Newburg, PA 17240

SAT. APR 28 - 10 A.M. Public Sale of Real Estate, Lawn & Garden Tools, Guns, Antiques, & Household Goods of the Marvin L. Heffner Estate. Located about 6 miles Southeast of Red Lion & approx. 2 1/2 miles East off Rt. 74 along the road to New Bridgeville (Conrads) in Chanceford Twp. York Co., PA. Sale by Viola Heffner Robert L. Sechrist, Auctioneer.

SAT. APR 28 - 9 A.M. Public Sale Valuable Real Estate

Tractors, Farm Machinery, Antiques, Household Goods, Etc. Located at RD. 2, Dillsburg, Pa. Approx. 3 mi. south of Dillsburg, along Rt. 194 through Franklintown, 1 mi. to Water Rd., turn left to sale. Or, off Rt. 74 between Dillsburg & Wellsville, at Barrens Church sign turn onto Kralltown Rd., 1/2 mi. to Barrens Church, turn right to sale. Signs posted. Lee M. Hess & Mrs. Joyce H. Jardine, Executors for the Gerney J. Hess Estate. Auctioneer George Harr.

SAT. APR 28 - 12:30 Public Sale Carpenter Dispersal, Household and Miscellaneous. Located 4 miles west of Quarryville along Rt. 372 or 1/4 mile east of the Buck off Rt. 272. Sale by Charles O. Booth Jr. Lloyd H. Kreider and Randall V. Kline Auctioneers, Gary L. Shirk Apprentis.

SAT. APR 28 - Public Sale of 25 Acre Farm. Located approx. 3 mi. northwest of Morgantown & approx. 3 miles Northeast of Churchtown. Caernarvon Twp., Lanc. Co. Terms by Jonas E. & Anna Mary Stoltzfus Elton & Alvin Horning Auctioneers, Horning Farm Agency, Inc.

SAT. APR 28 - Inventory Reduction Auction for Martins Hardware & Equipment Co., South of Schaefferstown along Route 501. Weik & Houser, Auctioneers

SAT. APR 28 - 10 A.M. Public Auction of Farm Machinery, Household Goods & Horses To be held on the premises located at 4646 Muncester Mill Rd., Montgomery Co., PA. Turn off Rt. 100 (just North of Lyon Valley) toward Kempton for 2 miles. Sale for the Marvin A. Kerschner Estate. Conducted by Ralph W. Zetlemoyer Auction Co.

SAT. APR 28 - 10 A.M. Public Auction of 110 Acre Farm, Household Goods & Antiques, Farm Equipment & Car. Located between Fogelsville & New Tripoli, in Weisenberg Twp., Lehigh Co., PA. Turn West off Rt. 100 (just North of Lyon Valley) toward Kempton for 2 miles. Sale for the Marvin A. Kerschner Estate. Conducted by Ralph W. Zetlemoyer Auction Co.

ON THE FARM MONTHLY BRED GILT SALE

FRIDAY, APRIL 20

Sale to start promptly at
1:00 every 4 weeks

Located 18 mi. South of Lancaster, Pa., 6 mi. South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd. to Jackson Rd., turn East, second farm, or take 222 out of Quarryville to Ceder Hill Rd. to Little Britain Rd. to Jackson Rd. Watch for sale arrows.

50 HEAD 50

(More or Less)

2 x 3 way cross bred gilts,
York & Hampshire & Duroc.

This sale consisting of 25-3 way cross bred gilts (parent stock, Wayne Better Bilt Gilts that came in out of the West) York & Hampshire & Duroc cross. These gilts are sired by purebred duroc, bred to purebred York. Looking for Better Stock? Need replacements & adding on or just starting in? Here is an opportunity to buy Better Bilt Gilts (acclimated) due to farrow from 3 days to 4 weeks after sale date. These gilts have size & quality to suit most any buyer. If you are in need of bred gilts plan to attend this sale. They'll be ready, some will be close.

Owner

CHRIST A. BEILER

R.D. 2

Quarryville, Pa.

Same time & place, 25 head (more or less) 2 & 3 way cross. Direct offspring from gilts purchased from Mark Nestleroth well known hog breeder from Manheim & a few from Willow Glen. These gilts are sired by purebred duroc also from Nestleroth stock and bred to purebred Hampshire from Franklin Feeser, Md. Due to farrow from 3 days to 3 or 4 weeks after sale date.

Everything vaccinated for erysipelas, wormed & sprayed for lice. Truckers Available.

Owner

JOHN B. STOLTZFUS

Abe Dittenbach - Auctioneer

NEXT SALE DATES - May 18 & June 15

PUBLIC AUCTION

20 ACRE MAHANTONGO VALLEY FARM
SATURDAY, APRIL 7, 1979

AT 10:30 A.M.

**6-ROOM
BUNGALOW,
ENCLOSED PORCH,
BATH,
OIL HEAT,
BARN,
STORAGE SHEDS**



Along the Klingerstown to Pitman Road in the Village of HEPLER, Schuylkill County, Pa.; 6 miles East of Klingerstown, 6 miles Northwest of Hegins; 2 miles West off Route 125 (turn West at tavern).

Parcel No. 1: DWELLING; BARN; STORAGE SHEDS approximately 10 ACRES with about 6 Acres Wooded, balance Open Land; Frontage on the Northside of the Klingerstown to Pitman Road.

Parcel No. 2: 1-CAR GARAGE; SMALL POND approximately 10 ACRES Open Land; Frontage on the Southside of the Klingerstown to Pitman Road.

(To be offered in two parcels and as one unit)

Plan now to inspect this lovely country home and small barn ideal for all your recreational equipment, horses, ponies, etc.

FOR INSPECTION CALL: (717) 648-2040 or (717) 362-9249

TERMS: 10% down day of sale, further terms and conditions will be announced when real estate is offered at 1:00 P.M.

Notice is hereby given pursuant to the Pennsylvania Sewage Facilities Act, as amended and supplemented, that there is no community system available and that if a part of the parcel of land is used as a building site or intended to be used for building purposes, whether immediate or future, which would not be further subdivided, an individual sewage system permit would have to be obtained pursuant to Section 7 of the aforesaid act. The buyer should contact the local agency charged with administering this act before signing the contract to determine the procedure and requirements for obtaining a permit for an individual sewage system.

ANTIQUES AND COLLECTIBLES

Dutch cupboard (top w/original paint, base needs repair); oak roll-top desk; round oak pedestal table; cane seated chairs; Victrola; chest of drawers; oak highchair; desk (made out of an organ case); organ stool; oil lights; treadle sewing machine; wall mirrors; stereoscope & pictures; small copper bucket; forks; ladles; DISHES including: 9 1/2" blue spatter peafowl plate, red spatter peafowl cup, flow blue plates, cups & saucers, carnival, depression & pattern glass; pillar clock; agateware; jugs; crocks; huckster scale; meat hooks; sausage stuffer; wooden planes; truck; quilt frames; books; printed baptismal certificates dated 1814-22-41; miner's canteen; butcher kettle; grain cradle; COINS including: 1g. pennies, 1840 half, shield nickels, buffalo nickels and 3-cent coin.

12 Ga. SINGLE BARREL SHOT GUN

HOUSEHOLD ITEMS AND TOOLS

Philco electric range; Frigidaire refrigerator; Whirlpool automatic washer; 9-pc. dining room suite w/china closet; breakfast set; sofa beds; occasional chairs; library table; 3-pc. blond bedroom suite w/bookcase bed; beds; bureaus; portable TV; floor & table lamps; rugs; utility cart; toaster; coffeemaker; waffle iron; can opener; mixer; blender; card table; hamper; radios; Hoover vacuum cleaner; lawn chairs; picnic table; wringer washer; jars; dishes & cooking utensils; invalid walker; Craftsman circular saw, drill & sander; CARPENTER & PAINTER TOOLS; ladders; ladder jacks; pulleys; ropes; swing scaffolding; painter's plank; tool boxes; garden tools; wheelbarrow; wheel horse riding mower; rotary mowers; pulley for Cub tractor; 2-section harrow; grindstone; lumber; many other items not listed.

ESTATE OF CHARLES H. SCHULTZ

Charles S. Schultz &
Palmer S. Schultz, Executors

John T. Pfeiffer, III, Esq.
Pfeiffer, Brown and Baldwin, Attorneys
George N. Deibert, Auctioneer - (717) 425-3313

Public Sales Register

SUN APR 29 - 9 A.M. - 4 P.M.
Red Caboose Toy Train Railroad Show & Sale. Located at Guernsey Sale Pavilion along Rt. 30 East of Lancaster. Buy - Sell - Trade or Browse. Dealer Tables For Sale. Gen. Admission \$2. Special antique toy train auction 1:30 p.m. Consignments welcome. Ron Funk & Assoc. Auct & Manager 717-442-4279

MON. APR. 30 - 1:30 P.M.
Public Auction of Valuable Real Estate located 1½ miles East of Manheim, along Fruitville Pike in Penn Township, Lancaster Co., Pa. Sale by Elmer Hess, E. M. Murry Associates, Auctioneers, J. David Young, Atty

MAY

TUES MAY 1 - 7:00 P.M.
Feeder Sale to be held at the Carlisle Livestock Market, P.O. Box 108, Hagerstown, MD 21740

TUES. EVE. MAY 1 - 7:00
Sharp Special Feeder Sales for your Cattle & Pigs To be held at Carlisle Livestock Market, Inc., P.O. Box 108 Hagerstown, MD

THURS MAY 3 - 12 Noon
Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601. Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI MAY 4 - 6 P.M. Heifer Sale at Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners, Larry Long, Auctioneer

FRI MAY 4 - 7 P.M. Special Sale of Driving Horses, Draft Horses & Mules at New Holland Sales Stables, New Holland, Pa

FRI MAY 4 - 6:30 P.M. Special Heifer Sale to be held at the G & M Livestock Market, Duncansville, PA. To consign call Sherman Glick, Lewistown (717) 248-0960 or Fred McCartney, Dry Run (717) 349-2393

FRI MAY 4 & SAT MAY 5 - 11 P.M. Nittany Antique Machinery Assn 2nd Annual Gas-Up Sale & Flea Market. Consignments Welcome. L.F. Harpster, Furnace, PA 16865 814-692-8738 or R. Dillion, Centre Hall, PA 814-364-9140

SAT MAY 5 - 10 A.M. Big Heifer Sale at Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601. Dennis Kolb, Sale Manager, Robert Mullendore, Auctioneer

SAT MAY 5 - Hubert Polled Charolais Ranch Production Sale - "The Best of Two Worlds" Located at the ranch, Richards, Missouri. Managed by Buzz Garey, 100 Walnut Ln, Morrisville, Pa 19067

SAT MAY 5 - Show 3 P.M., Sale 7 P.M. PA Shorthorn Sale at Mercer 4-H Park, Mercer, PA. Auctioneer Charles J. Behm

Petersheim Auctioneer, 215-869-2508

SAT. MAY 5 - 10 A.M. 8th Annual Mt. Zion Rd. Church of the Brethren Consignment Sale

Located at Fredericksburg Firemens Park along Rt 343, 7 miles North of Lebanon, Pa. Auctioneers Bachman, Meyers, Hoke, Rudy, Hoke & Reifine

NI-CRETE FARMS MILKING HERD DISPERSAL

MONDAY, APRIL 9 1979

(11:00 A.M.)

CHAMBERSBURG, PA.

Ni-Crete Farm is located on the south edge of Chambersburg, Pa. Going south on Rte. 11, turn right on Industrial Drive, one mile to Hollywell Ave., turn left to farm. About 40 miles southwest of Harrisburg and 18 miles north of Hagerstown, Md.

160 REGISTERED HOLSTEINS

(135 Cows - 25 Bred Heifers - 5 Top-bred Youngsters)

All tested for immediate interstate shipment. Exam. for Preg.

JAN. 1979 DHIA — RHA 139.8 Cows 17,090 M. 3.7% 639 FAT!!

FEB. 1979 HERD CLASSIFICATION — 7 "EX" - 41 "VG" - 81 "GP" - 10 "G"!!

DAUGHTERS OF FAMOUS SIRES SELL!!

10 by Elevation - 12 by Complete - 12 by Astronaut - 9 by Ivanhoe Star - 6 by Apollo - 4 by Dividend Performer - 6 by Bootmaker - 7 by Capsule and others.

TOP SERVICE SIRES USED!!

27 bred to Milestone - 14 bred to Pacemaker - 7 to Bootnik - 6 to Elevation - 5 to Milu - 5 to Glendell - 4 to Astronaut - 4 to Startrek - 3 to Bootmaker and others.

HERD HAS EVERYTHING — GOOD TYPE ★ PLENTY OF MILK ★ POPULAR SIRES!!

MAKE SURE YOU SEE THEM SELL ON APRIL 9 !!

R. AUSTIN BACKUS INC.
Sale Managers
& Auctioneers
Mexico, N.Y.

PENNA. HOL. ASSOC.
839 Benner Pike
State College, Pa.

NI-CRETE FARMS
T.K. Nitterhouse, Owner
George W. Cashell, Mgr.
Duane Comstock, Herdsman
717-364-2936 (Days)
264-8259 (Eve)

Thank You —

FOR MAKING OUR ANNUAL SPRING SALE A HUGE SUCCESS

40 TRACTORS SOLD AND
159 PIECES FARM EQUIPMENT

TRACTORS		NH Super 717		110 JD wagon	485
4330 JD	12,350	harvester	1500	Plow	480
MF 1105	9200	JD disc harrow	1480	468 cornplanter	480
MF 1100	7500	JD disc	1425	3 pt tank sprayer	480
MF 1100	5450	Manure spreader	1420	Oliver 4 bot plow	475
574 IH	5250	Sunflower chisel plow	1300	Oliver 2 bot plow	460
MF 1130	4350	IH 47 baler w/thrower	1300	Ford 3 bot plow	450
2020 JD	4350	AC haybine	1250	10 ft cultipacker	450
1550 Oliver	3975	Dunham cultimulcher	1250	4 B JD plow	440
MF 165 Diesel	3850	Gehl forage wagon	1200	NH 880 hay head	425
MF 165 Diesel	3475	JD 4-row planter	1200	11 ft cultipacker	410
2000 Ford loader	3400	Grain drill	1200	Gravity bin on gear	400
MF 165	3250	JD 24 T baler	1150	12 ft Brillion cult	400
1800 Oliver	3175	14' Bush Hog disc	1150	IH disc	400
138 Diesel	3025	NH spreader	1100	Fert drill	390
John Deere	3025	Oliver disc harrow	1075	JD 2 row corn head	380
MF 150	2750	NI spreader	1060	Gable disc	370
165 MF	2075	JD disc harrow	1050	Disc	370
Farmall 130	1775	JD chopper	1050	AC haybine	360
JD 630	1625	268 NH bale thrower	1025	3 pt plow	360
Ferguson 40	1475	MF 5 bot plow	975	NH 3 row chisel plow	360
IH 300	1410	269 NH baler	960	MF 2 B roll-over plow	360
Cub Tractor	1225	Disc	950	Little Giant Ele	350
8 N Ford	1200	MF 5 bot plow	925	MF 6-row cornplanter	350
Farmall Super C	1200	Oliver disc harrow	900	IH baler	350
Case 500	950	44 corn head	900	Oliver mower 3 pt	350
Farmall M	875	Gehl 600 harvester	900	3 bot plow	350
Farmall H	800	10 tooth Brady chisel	890	NH spreader	350
200 Farmall w/cult.	775	IH chuck wagon	875	Disc	350
Farmall M	700	Stauffer forage wagon	850	3 pt JD cornplanter	350
88 Oliver diesel	675	IH 6 row planter	850	2-row IH cornplanter	340
Farmall H	560	MF 12 baler	830	11 ft Dunham cult	340
Farmall H	550	Disc	825	JD disc	335
Minneapolis Moline	525	Swartz spreader	825	246 JD 2-row planter	330
77 Oliver	525	Ontario drill	825	Corn planter	325
Silver King	475	Oliver disc	820	AC 720 harvester	325
JD B Tractor	390	NH 27 blower	800	Ford 309 planter	320
88 Oliver	385	Liquid spreader	800	JD 3 bot plow	320
77 Oliver Gas	300	461 NH haybine	800	MF 3 bot plow	305
66 Oliver	300	JD 4 row planter	800	Rotary mower	300
Massey Ferguson	270	IH hay rake	775	Chuck wagon body	300
		JD 494A planter	750	Lilston cultivator	300
		Silage wagon	725	Disc harrow	300
		Hay tedder	720	Cultimulcher	300
		New Idea rake	700	Sauder loader hi lift	295
		Forage wagon	700	Ford 3 bot plow	290
		Implement trailer	650	IH 3 pt hay rake	285
		MH 92 combine	640	35 IH spreader	280
		MF cornplanter	640	NH spreader	280
		NH spreader	640	4-row cornplanter	250
		Chuck wagon	630	4-row JD cornplanter	250
		Oliver disc	625	2 bot plow	245
		JD haybine	625	Elevator	240
		NH 717 harvester	610	Stream Jenny	240
		NH spreader	600	MF 74 3 bot plow	240
		3 pt Oliver plow	600	JD 494 - 4 row planter	230
		MF 205 spreader	600	Hay rake	225
		694 JD cornplanter	590	Steel wheels	220
		JD blower	575	JD disc	220
		68 NH baler	540	Cultipacker	220
		JD 3 bot plow	530	Spring harrow	220
		MF grass mower	530	Lawn rake	210
		MF 6-row cultivator	520	Case 28 disc transport	210
		Field sprayer	510	Sauder loader hi lift	210
		241 Oliver disc	510	NH 510 spreader	210
		Ford haybine	500	MF baler	210
		Farmhand rake	500	Cultipacker	200
		Hay wagon	500	Ford cornplanter	200
		MF loader	500		

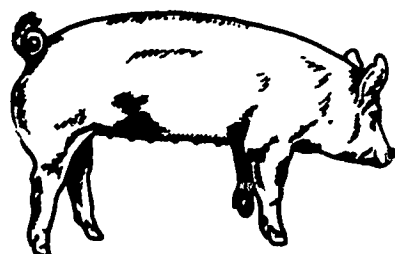
M.M. WEAVER & SONS

North Groffdale Rd. Leola, PA
Phone: (717) 656-2321

BRED GILT SALE SATURDAY, APRIL 7, 1979

1:30 P.M.

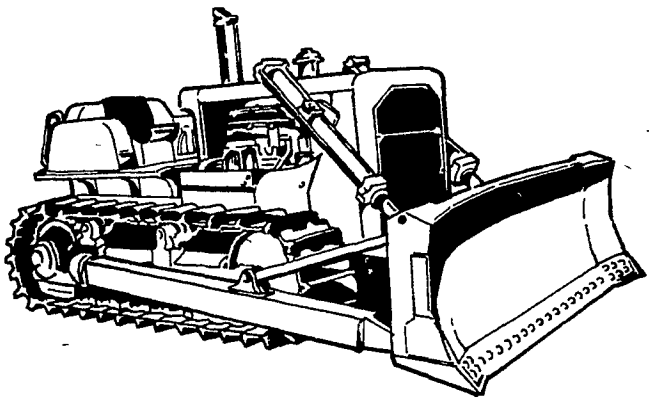
Located 8 miles North of Myerstown on Rt. 501 & 1 mile South of U.S. 22 on Rt. 501 at Bethel, Pa. Turn West at Bethel School to second farm on left.



60 to 70 bred gilts, famous 3 way cross, Yorkshire, Hampshire & Duroc. Also 6 purebred duroc boars weighing from 300 to 400 lbs. out of Ricky Pfautz's herd. Gilts are bred to purebred Yorkshire out of Ivy Hill Farms, Smithburg, MD. Pigs were vaccinated for Erysipelas, wormed & treated for lice. No odd side hogs will be sold at this sale, they are all home raised.

Sale Conditioned by
HENRY H. MARTIN
717-933-4279

Auctioneer Alvin Horning



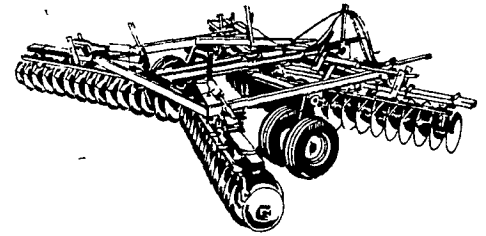
PUBLIC SALE INVENTORY REDUCTION

NEW AND USED FARM AND INDUSTRIAL EQUIPMENT

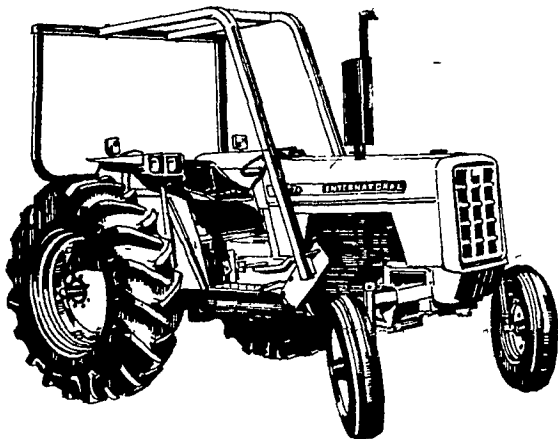
AT

MARSHALL MACHINERY

HONESDALE, PA.
LOCATED ALONG RTE. 652 -
5 MILES EAST OF HONESDALE, PA.
ON NEW 5 ACRE SHALED AUCTION LOT



**SATURDAY,
APRIL 7, 1979
9:30 A.M. SHARP**



75 FARM TRACTORS — VARIOUS SIZES — NEW & USED

- Allis Chalmers - new 5050 diesel, new 5040 diesel, 2 7030, 1 w/cab, 220 4 wheel drive w/cab & duals, 210, 200, 190XT, series 3, 185, 180, 175, 170, 160 w/loader, D19, D17 gas & diesel, D15, D14, D12, D10, WD45.
- Ford - 8600 w/cab, 7600, 6700, 5000 gas & diesel, 2000, 861, 600, Jubilee, 8N, Major diesel
- Massey Ferguson - 1100, 285, 265, 165, 35.
- International - 1066, 966, 100 hydro, 856, 706, 656, 560 gas & diesel, 460, 424 w/loader, 300, 200, super M, M, H, super C, cub.
- Case - 530.
- John Deere 4020's, 4030, 3020, 3010, 2840, 2640, 2510, 520.
- Belarus - M520 w/4 wheel drive.
- White - 2-105.
- Oliver - 77, 1450D w/loader.
- Plus Others.
- Salvage Tractors - JD 3010D, 720D, 65D, Case SC, DC, Farmall H, Farmall M grader, Oliver 550 w/loader.

INDUSTRIAL EQUIPMENT

- Allis Chalmers HD4 loader w/ripper, 655 loader, H-3 w/blade, 500 14' fork lift, 600 tractor loader backhoe, 615 tractor loader backhoe, 715 tractor loader backhoe, D15 tractor loader backhoe, 840 1½ yd. articulated loader, HD6 dozer
- John Deere 450C dozer w/6 way blade, 440C log skidder, 440B log skidder, 430 w/blade & winch
- IHC 2400B tractor loader 3 pt. & PTO, 500E crawler loader
- 1964 White diesel tandem dump truck
- Ford 4500 diesel industrial tractor loader, 3 pt., PTO
- JD & York 3 pt. dirt rakes
- 3 pt. & fast hitch rear scraper blades
- V snow plow
- Fayette 12 ton tag-a-long trailer
- 2 Homemade 2 axle tag-a-long MF backhoe
- New Centerville 12 ton tag-a-long trailer

NEW MACHINERY

- AC 4-row no till air planter w/monitor
- AC 8 & 10 h.p. garden tractors w/mowers
- NI 206 95 bu. spreader
- 323 1-row corn picker
- 325 2-row narrow row pickers w/12 roll husking bed & super sheller
- 279 9' cut-ditioner
- 402 roto bar side rake
- 3 pt. fertilizer spreader
- Lamco 8 x 18 steel side bale body
- Hesston PT7 mower conditioner
- Gravity boxes
- Bush Hog & Woods 3 pt. rotary mowers
- Kools 60" silage blower
- NH 451 3 pt. mower
- 10' Brillion cultipacker seeder
- 14' Brillion transport spring tooth harrow
- Vicon trailer fertilizer spreader
- 3 pt. Wood splitter
- Grimm PTO hay tedder
- Grimm, Fahr, Kuhn, Centipede hay tedders
- Bush Hog 3 pt. 5 shank chisel
- Bradey 950 hyd. drive grinder mixer mill
- NI forage blower

USED MACHINERY

- BALERS
NH 269, 69, 68 w/engine, 67
IHC 440, 47
JD 24T
AC roto baler
Hesston 4500 round
Some of these balers are with throwers
- PLOWS
AC 2004 4 bottom 3 pt semi mount auto reset
IHC 510, 3 pt semi-mount 5 bottom reset
IHC 550 5 bottom 3 pt semi JD 3 pt 3 bottom reset
JD 3 16" 3 pt semi mount
AC, Ford, MF, JD, IHC, Oliver 1, 2, 3, 4 bottom 3 pt fast hitch snap coupler, plows
- Howard 10' rotovator
- PLANTERS & DRILLS
AC, JD, IHC 2-row 3 pt & FH
JD 495A 4-row
JD 494A 4-row
IHC 56 4-row
AC 500 4-row
AC, IHC, Ontario grain drills
- SPREADERS
NI 212, 213, 214
NH 145
250 bu tank spreaders
NH 518
IHC 95 bu ground drive
- CORN PICKERS
NI 323 & 310
IHC 2 MH
- AC 170
JD 18
- RAKES
NH, AC, NI, MF, 3 pt wheel
- MOWERS
AC, Ford 3 pt., IHC, JD, & Others
- DISKS & HARROWS
Wheels, pull type, 3 pt hitch, AC, JD, Ford, IHC, MF, spring tooth harrows
- CULTIVATORS
3 pt hitch 1, 2, 4, 6 row
- CHOPPERS
NH super 717, 616, 33-flail
JD 34, 16A flail, 6
Gehl
Fast hitch 84
Fox 2-row narrow head
NH 717 2-row head & pickup head, F
- FORAGE BOXES
AC, JD, Fox, Gehl mounted on a 1966 Chevrolet truck
- BLOWERS
NH 27
AC 480
- MOWER CONDITIONERS
NH 479, 469, 467, 461, 490
Ford 530
Case 555
JD 1209
NI 270
272 cut-ditioner
MC rotary scythe
Others
- HAY-CONDITIONERS
NH
IHC
JD
- GRINDER MIXERS
NH 354, 352
Gehl
- MISCELLANEOUS
Shop air compressor
Century high pressure washer
Gleaner E or K
2-40 corn head
Trailer sprayers
Wood saws
Rotary hoe
Large GT370 grain dryer
Front end loader
Sprayers
Snow plows
Wood & steel bale bodies
Running gears
Cultivators
Brillion Feeder
Field cultivators
Hydraulic cylinders
Tires
Weights
Golf Carts
Tire chains
Elevators of various sizes
Lawn & Garden tractors
Mowers, AC, IHC, & Simplicity
Attachments
Others

- ★ Sale will start Promptly at 9:30 with miscellaneous items followed by machinery - Industrial Equipment and Tractors. (If bad weather, tractors will be sold inside).
- ★ Financing can be arranged 7 days PRIOR to Sale.
- ★ Some items will be added and some deleted due to daily business. Daily business will be conducted before and after SALE. (This is only an Inventory Reduction Sale).

AUCTIONEERS:

BLAINE RENTZEL - 717-764-6412
FRED GOODRICH - 607-729-2866
MEL MANASSE - 607-692-4540

- ★ TERMS: Full Payment or 20% down. Balance in 7 DAYS. No item to be removed until full payment.

**10% DISCOUNT ON ALL NEW AC,
NI & HESSTON PARTS PURCHASED
SALE DAY.**

**MARSHALL MACHINERY
HONESDALE, PENNA.
717-729-7117**

Lunch Served By Honesdale Volunteer Ambulance Corp.

Public Sales Register

SAT. MAY 5 - 9:30 A.M. Public Sale of Quilts and Homemade donated items for Tel-Hai Rest Home and Camp. Located at Twin Slope Farmers Market, 1/2 mile West of Morgantown, PA at exit 22 PA Tpk. and Jct. Rt. 10 & 23. Donated items accepted by Amos Stoltzfus, Gordonville, PA 717-768-8811 or Ralph Hertzler 215-286-5647. Horning and Kurtz, Auctioneers.

SAT. MAY 5 - 9:30 A.M. Public Auction 12 miles North of Harrisburg, 3 miles North of Dauphin in Middle Paxton twp., Dauphin Co., Pa., 1 1/2 miles West along Rt. 325 at the Southside of Peter's Mountain. (Watch for sale arrows along Rt. 22 & Rt. 225 on the day of sale) Owner Mrs. Charley E. Pechart George Diebert Auctioneer

WED. MAY 9 - 7 P.M. Special Feeder Sales at Four States

Livestock Sales, Inc. in Hagerstown, MD. For more information or to have your cattle advertised call Hagerstown 733-8120.

THURS. EVE. MAY 10 - 5 P.M. Sharp. Public Sale of Rare Collection of Antique Crocks, Jugs & Jars, Coins, Furniture, Etc. Located in the Borough of Carlisle taking Route #34 (Carlisle Springs Rd.) North past Masland Plant and 1 block past Red Light to "I" Street, thence West to #45 and sale. Sale for Eugene and Alice Delp, Owners. Clair R. Slaybaugh, Auctioneer

SAT. MAY 12 - 11 A.M. Bonnie Brae Auction 5th Annual Spring Mower & Equipment Sale Located on Rt. 724, Spring City, Pa. 8 miles West of Valley Forge, Pa. Richard J. Moyer, Auctioneer

SAT. MAY 12 - 10 A.M. Public

Auction of Valuable Personal Property located at 116 South Main St., Manheim, Pa. Sale by Benjamin B. Hess, E. M. Murry Associates, Auctioneers

TUES. EVE. MAY 15 - 7:00 Sharp Special Feeder Sales for your Cattle & Pigs To be held at Carlisle Livestock Market, Inc., P.O. Box 108 Hagerstown, MD.

TUES. MAY 15 - 7:00 P.M. Feeder Sale to be held at the Carlisle Livestock Market, P.O. Box 108, Hagerstown, MD 21740

THURS. MAY 17 - 12 P.M. Public Sale of Fine Dairy Cows, Melvin Kolb, Inc. Monthly Holstein Cattle Auction. Located at the Maryland Farm 1/2 mile Northwest of Woodsboro, on Rt. 550, Frederick Co. Sale Manager Melvin Kolb, Inc. Robert Mullendore, Auctioneer

FRI. MAY 18 - 6:30 P.M. Consignment Sale of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt

Keister, Owners, Larry Long, Auctioneer

SAT. MAY 19 - 10 A.M. Public Sale of Household Goods and Antiques located at 477 Elwyn

Terace, Manheim, Pa. Sale by Henry K. and Anna Flory, C. H. and Bob Wolgemuth, Auctioneers.

SAT. MAY 19 - 9:30 A.M.

Public Sale of Personal Property & Antiques For the Estate of Mrs. Royer Edwards, Broad Top, RD Huntingdon County, PA Auctioneer - Robert Fleck, Three Springs, PA 17264.

FERN SPRINGS HOLSTEIN DISPERSAL FRIDAY, APRIL 6

11:00 A.M.

Mt. Pleasant, PA

At the farm located 2 1/2 miles South of Ruffs Dale (on Rte. 31). From the east, exit Turnpike at Donegal, go West on Rte. 31 to Ruffs Dale and 500 feet west turn left on Legislative Rd. 64119 and follow South 2 miles to farm. From West, exit Turnpike at New Stanton, go West on I-70 to Hunkers Exit, then South to Ruffs Dale.

70 REGISTERED HOLSTEINS

(Milking Herd and all sell down to those animals born since July 1, 1978).

All tested for immediate interstate shipment - Exam for Preg.

1978 DHIA AVERAGE - 20,313 M 3.6% 725 Fat!!!

CURRENT RHA - 20,240 M 3.6% 733 Fat!!!

LOOK AT THIS PRODUCTION!!!

7 sell from 1021 to 1206 lbs. fat.
12 sell from 819 to 969 lbs. fat.
11 sell from 669 to 794 lbs. fat. (5 at 2 yrs.)
10 on test now with first calf.
4 sell from 29 to 32,000 lbs. milk.
6 from 25 to 27,000 lbs. milk.
8 from 23 to 24,000 lbs. milk.
8 from 20 to 21,000 lbs. milk.

"One of the greatest producing herds for its size in history."

ALL ARE Sired BY GOOD Sires!!!

4 - 1000 lb. fat dtrs. of "Ivanhoe Star" sell - Performer - Astronaut - Flame Elevation - Gay Ideal - Apollo - Select - Gr' dtrs of Elevation and Bootmaker.

MAKE SURE YOU SEE THIS HERD SELL!!!

THEY DO EVEN BETTER IN NEW HOMES!!!

Sale starts 11:00 A.M.

Lunch Available

Catalogs

Under Cover

FERN SPRINGS HOLSTEINS

Mr. & Mrs. William Buttermore
Bill and Ron
Mt. Pleasant, Pa. RD 3
412-547-8216

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N.Y.

PENNA HOLSTEIN ASSN.
839 Benner Pike
State College, PA

PUBLIC SALE FRIDAY, APRIL 6, 1979

At 12:30 P.M. &

SATURDAY, APRIL 7, 1979

At 9:00 A.M.

Located in the Village of Hartleton, 14 miles West of Lewisburg, along Route 45, Union County.

ANTIQUES

Leather Davenport w/claw feet; small settee; library table; dovetailed baby cradle; set of 6 plank bottom chairs (original decoration); gateleg table; walnut floor whatnot shelf; high chair; roll top desk; 2 chests of drawers; very large wardrobe; 3 pc. oak bedroom suite; 3 pc. walnut bedroom suite; pine blanket chest; Morris chair; oak dresser; vanity; 6 pc. Curley maple bedroom suite; 19th century walnut chest of drawers; walnut hall stand; 2 platform rockers; plank bottom rocker; base of plank bottom settee; flaxwheel; 2 brass beds; caned rocker; Edison cylinder phonograph & horn; oak kitchen table; spinning wheel; organ stool; dome & flat top trunks; saw horse type butter churn; wash stand; very early original decoration half spindle plank bottom arm chair; rope bed; settee & chairs; piano bench; round oak clawfoot kitchen table; cupboard; 2 woodburning stoves; 5 dining room chairs; 3 unusual wood & coal stoves; large high back wicker rocker & other items.

GUNS

Model 97 Winchester Shot Gun
Model 70 Winchester
Model 86 Winchester
Muzzle Loader Cap Pistol In Saddle Holster
.32 "The American" Double Action Pistol
Double Barrel Muzzle Loader Cap Rifle/Shot Gun Made by P. Kockler, Lewisburg, Pa.

MISCELLANEOUS ANTIQUES

Porcelain studded paper rack; buffalo & horse robes; post office letter file; hanging oil light; lantern; miniature Pigeonblood oil light; floor lights; table lamps; railroad light; rayo lights; crocks & jugs, 2 decorated; mirrors; coffee grinder; egg baskets; picture frames; wicker pedestal flower holder; books; mantle clock; school hand bell; 3 foot; butcher kettle; apple kettle; sausage stuffer; arrowheads; porcelain horse rings; counterpanes.

One horse sleigh, manufactured granger - Tee Carriage Co., Jackson, Mich. Formerly Owned by P. E. Brown, Lewisburg, Pa.

HOUSEHOLD GOODS FARM MACHINERY & TOOLS

"M" IH tractor w/power pack; Super C International tractor; Model 22 caterpillar tractor; 4 - 14" tractor plow; No. 67 NH Super Hayliner baler & thrower; No. 24 International hay conditioner; 10 ft. cultipacker; 12 ft. spring tooth harrow; 13 - 7 International tractor grain drill; electric tractor grain seeder; No. 15 John Deere flail chopper; cultivator for Super C; 30 ft. Smoker elevator; Massey Ferguson PTO manure spreader; flat bed wagon; 7 ft. International tractor mower; side delivery rake; bale wagon; bench vise; cast iron yard fence; elec. fence posts; gas drums; field drain tile; log chains; milk cans; plank sleds; 2 hole corn sheller; platform scales; metal feed trough; extension ladder; Handy Man Jack; neck yokes; single trees; cant hook; 5 double spring bob cat traps; large amt. scrap iron; portable electric heater; horse saddle; antique Conklin wagon boxes; harness; side saddle; some tools; Model 150 - 18" Homelite chain saw; 7 1/4" Black & Decker skill saw; Wizard electric hedge trimmer; jumper cables.

Approx. 400 Bu. Oats 1966 Plymouth Coupe 1958 1/2 Ton Ford Truck

REAL ESTATE

PARCEL 1

At Same Location - 10 room frame house on corner lots.

PARCEL 2

Located one block West of parcel 1, large 10 room brick house, large bank barn w/straw shed. Situated on extra lots.

PARCEL 3

Approx. 52 ACRES of good quality FARM LAND. Located 1/4 mi. SW of Hartleton, along Hartleton-Laurelton Road.

Immediate Possession Of Above Real Estate

Estate of
JOHN D. WILSON
Chester Byers, Executor
Katherine Byers, Owner

LUNCH SERVED

TERMS: Personal Property - Cash - Real Estate 20% Down

Kenneth A. Bidlack: Attorney - Ph. 966-0912

WAYNE HESS: Auctioneer - Ph. 922-1206

SALE ORDER: Friday, Farm Machinery & Wagon Items.

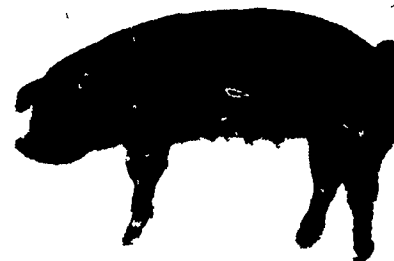
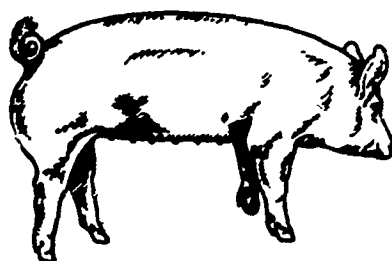
Saturday, Household Goods, Antiques, Guns 1:00: Real Estate 1:30 P.M.

Lawrence, Leon and Thomas Arnold 10th PRODUCTION

SALE OF

Yorkshires

Durocs



AUCTIONEER, Harry Bachman, Annville, Pa.

60 BRED GILTS 40 OPEN GILTS

Bred Gilts are hand mated. Select gilts with due dates to fill your farrowing schedule.

35 BOARS
20 Yorkshire
15 Duroc

Boars will be seven to eight months old. Very aggressive. Ready for heavy service.

FRIDAY EVENING APRIL 27, 6:00 P.M.

SALE TO BE HELD AT THE

Lebanon Area Fairgrounds
(CORNWALL & EVERGREEN ROADS, 1 1/2 MILES SOUTH OF)
Lebanon, Pa.

FOR CATALOGUE WRITE TO
LEON L. ARNOLD R.D.7, BOX 705, LEBANON, PA. 17402
OR CALL 717-273-5880
FREE LUNCH



It was once considered bad luck to sleep in moonlight.

PUBLIC SALE OF VALUABLE REAL ESTATE SATURDAY, APRIL 7 At 2:00 P.M.

Two hundred and forty-five acres of woodland, more or less, ideal for hunting, recreation or investment. Located in Pine Grove Township, Schuylkill County. Property offers a fantastic view with southern exposure. Fronts on Pennsylvania State Game Land #229 (six thousand acres) for 1 1/4 miles. Five miles from Sweet Arrow Lake, approximately three miles from proposed eight hundred acre lake and recreation site, two hours from Philadelphia, less than one hour from Harrisburg and within fifteen miles of Indiantown Gap. Directions: From Pine Grove exit of Route #81 go toward Pine Grove on Route #443 approximately one block to Two and a Half Mile Road. Turn left on Two and a Half Mile Road and go to the "T". Turn left and go under the Route #81 bridge. Take the first road to the right and follow to the cable across the road. This is where the property begins.

Brochure on request. For more information, call Bob Smith at 717-866-5959 or 717-273-4251.

Terms & Conditions by:

MR. & MRS. CLARENCE BOWMAN

Auctioneer - David Risser

Apprentice Auctioneer - Bob Smith

Attorney - Charles Frank

10% Down on day of sale and
balance and settlement in thirty days.

Public Sales Register

SAT MAY 19 - 9:30 A.M. Public Sale of Valuable Barn, Farm Machinery, Orchard Equipment & Personal Property Located along Route 24, 1/2 mile Northeast of Red Lion, 4 miles East of York, across from Hickey Toyota Auto Sales, Windsor Twp, York Co., PA Sale for Mrs. Clovis Kiser Reynold Burke, Auctioneer

WED MAY 23 - 7 P.M. Special Feeder Sales at Four States Livestock Sales, Inc. in Hagerstown, MD For more information or to have your cattle advertised call Hagerstown 733-8120

SAT MAY 26 - 11 A.M. Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Larry Long, Auctioneer

SAT MAY 26 - 10 A.M. Annual Spring Heifer Sale at New Holland Sales Stables, Inc., New Holland, Pa. For more information contact Abe Diefenbach or Norm Kolb

JUNE

THURS JUNE 7 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS JUNE 7 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JUNE 9 - 10 A.M. Annual Spring Heifer Sale at New Holland Sales Stables, Inc. New Holland, Pa. For more information contact Abe Diefenbach or Norm Kolb

MON JUNE 18 - 9:30 A.M. Consignment Sale, located at S Race St., Myerstown, PA 17067 Sale held by Wenger's Farm Machinery, Inc.

TUES JUNE 19 - 7 P.M. Public Sale of 70 Head Bred Heifers following the Pa. Forage & Grassland Councils Forage Day Located in Mifflin Co., about 3 miles Northeast of Belleville, Pa. at Plum Bottom Farm Sale by Plum Bottom Farm Mark Glick, Auctioneer

THURS JUNE 21 - 12 P.M. Public Sale of Fine Dairy Cows, Melvin Kolb, Inc. Monthly Holstein Cattle Auction Located at the Maryland Farm 1/2 mile Northwest of Woodsboro, on Rt. 550, Frederick Co. Sale Manager Melvin Kolb, Inc. Robert Mullendore, Auctioneer

JULY

THURS JULY 5 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

TUES JULY 10 - 10 A.M. Public Sale of 220 Head of Registered & Grade Holstein Heifers bred for summer freshening, out of herd dispersals, also 2 Purebred Bulls Located on Old Harrisburg Pike, 3 mi West of Lancaster, Pa. Terms by David & Edna Stoltzfus Steve Petersheim, Auctioneer

FRI JULY 13 - 7 P.M. Colonial Invitational Heifer Sale Located & hosted by Myers Charolais Farm, Clear Spring, Md. Managed by Buzz Garey, 100 Walnut Ln., Morrisville, Pa. 19067

THURS JULY 19 - 12 P.M. Public Sale of Fine Dairy Cows, Melvin Kolb, Inc. Monthly Holstein Cattle Auction Located at the Maryland Farm 1/2 mile Northwest of Woodsboro, on Rt. 550, Frederick Co. Sale Manager Melvin Kolb, Inc. Robert Mullendore, Auctioneer

SAT. JULY 28 - 12 Noon Heifer Sale sponsored by Solanco Fair Association, Quarryville, Pa. Everett Kreider, Auctioneer

SAT JULY 28 - 1 P.M. Annual Brown Holstein Bred Heifers Sale, 50 Large Holstein Heifers, 70% Registered Located near Turbotville, Pa. off of Rt. 54 Auctioneer Carl Diller

AUGUST

MON AUG 20 - 9:30 A.M. Consignment Sale Located at S Race St., Myerstown, Pa. 17067 Sale held by Wengers Farm Machinery, Inc.

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.

Horse Auction
2nd Saturday each month
1 P.M.



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SPECIAL NIGHT SALE



MEL KOLB INC.

**QUALITY HOLSTEINS
THURSDAY APRIL 5, 1979**

7:30 P.M.

At the Black & White Farm,
Lancaster, Pa.

Location: At the BLACK & WHITE farm west of Lancaster on Dairy Lane. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Rt. 283.

135 head of Purebred and Grade DAIRY COWS

These cows were selected from the better herds from 6 or 7 states. There will be 40 head of Purebreds from 2 to 5 years old close or fresh. Several classified and with DHIA records. Some fancy Purebred first calf heifers.

2 load of grade, big, heavy, milking cows from Wisconsin, 1 load from New York State.

1 load top cows from Western Pennsylvania. Several other good cows.

SPECIAL MENTION: A real good 3 yr. old ARLINDA JET STREAM daughter born 3-24-76, fresh 3-18-79, as 1-11 317 22,098 664, her dam VG-86 as 3-02 365 21,447 683, her GrDam EX-90 2E her best record 318 23,390 4.2 993, lifetime 228,150 4.1 9,422. All EX and VG in first 2 generations. She has not been scored as yet, but I think she will go VG. This heifer is from a top cow family: A good 3 yr. old ROUND OAK RAG APPLE ELEVATION daughter bred 10-9-78 to WOODBINE CHIEF MOHAWK as 2-2286 15,833 541 from a KINGPIN dam 7-7 384 17,177 3.7 627: A good big WHITTIER FARM APOLLO ROCKET 5 yr. old daughter springing to a son of HARRISBURG GAY IDEAL, cow index on dam +2380 +108 DH1 record 4-6 305 14,000 3.8 536. This cow was never on test or scored, but I think she will go VG: A yearling Bull FAIR HILL TRUST BUSTER son of BOOTMAKER from VG-85 3 yr. ROUND OAK RAG APPLE ELEVATION 2-4 305 18,666 3.6 670, her dam VG-87 a GENT daughter record up to 352 24,732 3.9 973, a real nice young bull.

FARMERS if you need some cows see you on April 5, at 7:30 at the BLACK & WHITE farm.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH

If you need transportation call Wednesday, April 4, 1979 from 7 A.M. to 9 P.M. at either of these two numbers 569-2106 or 569-6800.

MELVIN KOLB, INC.

Dennis L. Kolb, Sales
Manager

LUNCH available

Terms: Cash on day of Sale

Not responsible for accidents

Robert Mullendore
Marvin A. Eshleman
Arlene Ressler

Auctioneer
Pedigrees
Clerk

Farm address:

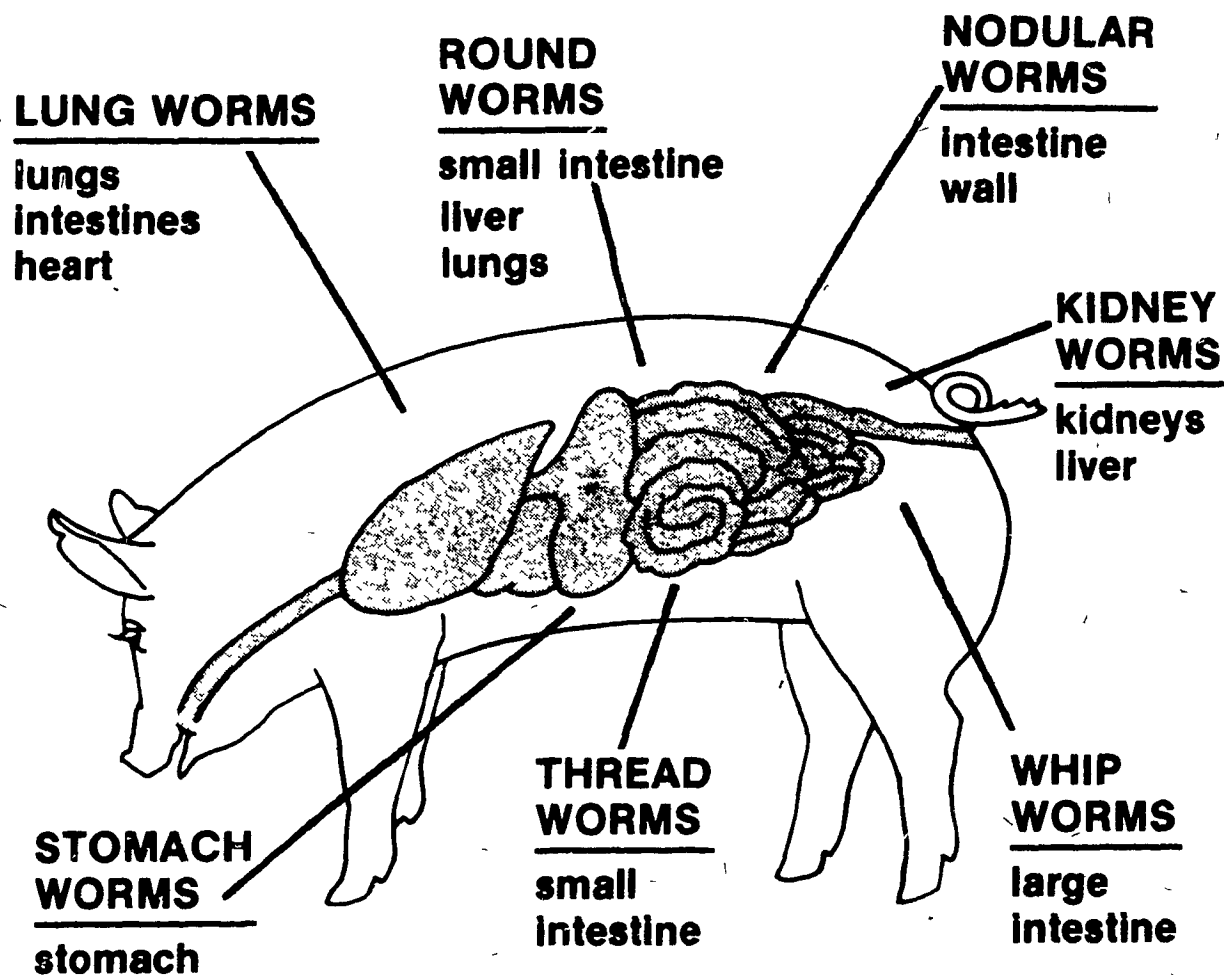
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Lancaster, Pa. 17601

Phone: 569-2106 or 569-6800

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